SCHEDULE 1.2

DEFINITIONS

"9-1-1" means the services described in **Section 3.9**.

"9-1-1 Control Office Software Enhancement Connection Charge" is as defined in **Section 3.9.2(e)** of this Agreement.

"Access Toll Connecting Trunks" is as defined in **Section 5.1**.

"Act" means the Communications Act of 1934 (47 U.S.C.-151 et seq.), as amended by the Telecommunications Act of 1996, and as from time to time interpreted in the duly authorized rules and regulations of the FCC or the Commission having authority to interpret the Act within its state of jurisdiction.

"ADSL" or **"Asymmetrical Digital Subscriber Line"** means a transmission technology which transmits an asymmetrical digital signal using one of a variety of line codes.

"Advanced Intelligent Network" or **"AIN"** is a network functionality that permits specific conditions to be programmed into a switch which, when met, directs the switch to suspend call processing and to receive special instructions for further call handling instructions in order to enable carriers to offer advanced features and services.

"Affiliate" is As Defined in the Act.

"AMA" means the Automated Message Accounting structure inherent in switch technology that initially records telecommunication message information. AMA format is contained in the Automated Message Accounting document, published by Bellcore as GR-1100-CORE which defines the industry standard for message recording.

"Applicable Laws" is as defined in **Section 19.2**.

"As Defined in the Act" means as specifically defined by the Act and as from time to time interpreted in the duly authorized rules and regulations of the FCC or the Commission.

"As Described in the Act" means as described in or required by the Act and as from time to time interpreted in the duly authorized rules and regulations of the FCC or the Commission.

"Automatic Location Identification" or **"ALI"** means a feature by which the service address associated with the calling party's listed telephone number identified by ANI as defined herein, is forwarded to the PSAP for display. Additional telephones with the same number as the calling party's, including secondary locations and off-premise extensions will be identified with the service address of the calling party's listed number.

"Automatic Number Identification" or **"ANI"** means a Feature Group D signaling parameter which refers to the number transmitted through a network identifying the billing number of the calling party. With respect to 9-1-1 and E9-1-1, "ANI" means a feature by which the calling party's telephone number is automatically forwarded to the E9-1-1 Control Office and to the PSAP display and transfer office.

"Automatic Route Selection" or **"ARS"** means a service feature associated with a specific grouping of lines that provides for automatic selection of the least expensive or most appropriate transmission facility for each call based on criteria programmed into the system.

"Bellcore" means Bell Communications Research, Inc.

"Binding Forecast" is as defined in **Section 19.5.3**.

"BLV/BLVI Traffic" means an operator service call in which the caller inquires as to the busy status of or requests an interruption of a call on another Customer's Telephone Exchange Service line.

"Business Day" means a day on which banking institutions are required to be open for business in Chicago, Illinois.

"Bona Fide Request" means the process described on **Schedule 2.2**.

"CABS" means the Carrier Access Billing System which is contained in a document prepared under the direction of the Billing Committee of the OBF. The Carrier Access Billing System document is

published by Bellcore in Volumes 1, 1A, 2, 3, 3A, 4 and 5 as Special Reports SR-OPT-001868, SR-OPT-001869, SR-OPT-001871, SR-OPT-001872, SR-OPT-001873, SR-OPT-001874, and SR-OPT-001875, respectively, and contains the recommended guidelines for the billing of access and other connectivity services.

"Calling Party Number" or **"CPN"** is a Common Channel Interoffice Signaling ("**CCIS"**) parameter which refers to the number transmitted through a network identifying the calling party.

"Carrier of Record" is as defined in **Section 10.11.3**.

"CCS" means one hundred (100) call seconds.

"Central Office Switch" means a switch used to provide Telecommunications Services, including:

(a) **"End Office Switches,"** which are used to terminate Customer station Loops for the purpose of Interconnection to each other and to trunks; and

(b) "**Tandem Office Switches,"** or **"Tandems,"** which are used to connect and switch trunk circuits between and among other Central Office Switches.

A Central Office Switch may also be employed as a combination End Office/Tandem Office Switch.

"Centrex" means a Telecommunications Service associated with a specific grouping of lines that uses Central Office switching equipment for call routing to handle direct dialing of calls and to provide many private branch exchange-like features.

"CLASS Features" means certain CCIS-based features available to Customers including: Automatic Call Back; Caller Identification and related blocking features; Distinctive Ringing/Call Waiting; Selective Call Forward; and Selective Call Rejection.

"COBO" is as defined in **Section 1.1 of Schedule 12.12**.

"Collocation" is As Described in the Act.

"Combination**"** is as defined in **Section 9.3.1**.

"Commercial Mobile Radio Service" or "CMRS" is As Defined in the Act.

"Commission" or **"ICC"** means the Illinois Commerce Commission.

"Common Channel Interoffice Signaling" or **"CCIS"** means the signaling system, developed for use between switching systems with stored-program control, in which all of the signaling information for

one or more groups of trunks is transmitted over a dedicated high-speed data link rather than on a per-trunk basis and, unless otherwise agreed by the Parties, the CCIS used by the Parties shall be SS7.

"Consequential Damages" is as defined in **Section 26.5**.

"Contract Month" means a calendar month (or portion thereof) during the term of this Agreement. Contract Month 1 shall commence on the first day of the first calendar month following the Effective Date and end on the last day of that calendar month.

"Contract Year" means a twelve (12)-month period during the term of this Agreement commencing on the Effective Date and each anniversary thereof.

"Control Office" means the Central Office providing Tandem Switching Capability for E9-1-1 calls. The Control Office controls switching of ANI information to the PSAP and also provides the Selective Routing feature, standard speed calling features, call transfer capability and certain maintenance functions for each PSAP.

"Cross Connection" means a connection provided pursuant to Collocation at the Digital Signal Cross Connect, Main Distribution Frame or other suitable frame or panel between (i) the collocated Party's equipment and (ii) the equipment of a third-party collocated Telecommunications Carrier or the equipment or facilities of the other Party which provides such Collocation.

"Customer" means a third-party residence or business that subscribes to Telecommunications Services provided by either of the Parties.

"Customer Listing(s)" means a list containing the names, the telephone numbers, addresses and zip codes of Customers within a defined geographical area, except to the extent such Customers have requested not to be listed in a directory.

"Customer Name and Address Information" or **"CAN"** means the name, service address and telephone numbers of a Party's Customers for a particular Exchange Area. CNA includes nonpublished listings, coin telephone information and published listings.

"Customer Proprietary Network Information" is As Defined in the Act.

"Customer Usage Data" is as defined in **Section 10.16.1**.

"Data Management System" or **"DMS"** means a system of manual procedures and computer processes used to create, store and update the data required to provide the Selective Routing ("**SR"**) and ALI features.

"Delaying Event" means (a) any failure of a Party to perform any of its obligations set forth in this Agreement, caused in whole or in part by (i) the failure of the other Party to perform any of its obligations

set forth in this Agreement (including the Implementation Schedule and the Implementation Plan), or (ii) any delay, act or failure to act by the other Party or its Customer, agent or subcontractor or (b) any Force Majeure Event.

"Delivery Date" is as defined in **Sections 12.12.2(b)** and **12.12.3(b)**.

"Derivative Information" is as defined in **Section 20.1.1(b)**.

"Dialing Parity" is As Defined in the Act.

"Digital Signal Level" means one of several transmission rates in the time-division multiplex hierarchy.

"Digital Signal Level 0" or **"DS0"** means the 64 kbps zero-level signal in the time-division multiplex hierarchy.

"Digital Signal Level 1" or **"DS1"** means the 1.544 Mbps first-level signal in the time-division multiplex hierarchy. In the time-division multiplexing hierarchy of the telephone network, DS1 is the initial level of multiplexing.

"Digital Signal Level 3" or **"DS3"** means the 44.736 Mbps third-level in the time-division multiplex hierarchy. In the time-division multiplexing hierarchy of the telephone network, DS3 is defined as the third level of multiplexing.

"Disclosing Party" is as defined in **Section 20.1.1**.

"Dispute" is as defined in **Section 28.3**.

"Disputed Amounts" is as defined in **Section 28.2.1**.

"Documentation of Authorization" is as defined in **Schedule 10.11.1**.

"Effective Date" is the date indicated in the Preamble on which this Agreement shall become effective.

"Emergency Services" mean police, fire, ambulance, rescue and medical services.

"E9-1-1" or **"Enhanced 9-1-1 (E9-1-1) Service"** provides completion of 9-1-1 calls via dedicated trunking facilities and includes Automatic Number Identification (ANI), Automatic Location Identification (ALI) and/or Selective Routing (SR).

"Equal in quality" is as defined in **Section 3.6**.

"Exchange Access" is As Defined in the Act.

"Exchange Area" means an area, defined by the Commission, for which a distinct local rate schedule is in effect.

"Exchange Message Record" or **"EMR"** means the standard used for exchange of Telecommunications message information among Telecommunications providers for billable, non-billable, sample, settlement and study data. EMR format is contained in Bellcore Practice BR-010-200-010 CRIS Exchange Message Record.

"FCC" means the Federal Communications Commission.

"Fiber-Meet" means an Interconnection architecture method whereby the Parties physically Interconnect their networks via an optical fiber interface (as opposed to an electrical interface) at a mutually agreed upon location, at which one Party's responsibility or service begins and the other Party's responsibility ends.

"Force Majeure Event" is as defined in **Section 30.5**.

"Forecast Provider" is as defined in **Section 19.5.3**.

"Grandfathered Services" is as defined in **Section 10.3.1**.
"Hazardous Substances" is as defined in **Section 19.4**.

"HDSL" or **"High-Bit Rate Digital Subscriber Line"** means a transmission technology which transmits up to a DS1-level signal, using any one of the following line codes: 2 Binary / 1 Quartenary (**"2B1Q"**), Carrierless AM/PM, Discrete Multitone (**"DMT"**), or 3 Binary / 1 Octel (**"3B1O"**).

"Implementation Plan" is as defined in **Section 18.2**.

"Implementation Team" is as defined in **Section 18.1**.

"Incumbent Local Exchange Carrier" or **"ILEC"** is As Defined in the Act.

"Information Service Traffic" means Local Traffic or IntraLATA Toll Traffic which originates on a Telephone Exchange Service line and which is addressed to an information service provided over a Party's information services platform (e.g., 976).

"Initial Billing Company" or **"IBC"** means the Local Exchange Carrier which provides the Feature Group B or D services in an End Office. For purposes of this Agreement, Requesting Carrier is the IBC.

"Initial Term" is as defined in **Section 21.1**.

"Insufficient Capacity" is as defined in **Section 16.1.2**.

"Integrated Digital Loop Carrier" means a subscriber loop carrier system that is twenty-four (24) local Loop transmission paths combined into a 1.544 Mbps digital signal which integrates within the switch at a DS1 level.

"Integrated Services Digital Network" or **"ISDN"** means a switched network service that provides end-to-end digital connectivity for the simultaneous transmission of voice and data. Basic Rate Interface-ISDN (BRI-ISDN) provides for a digital transmission of two 64 Kbps bearer channels and one 16 Kbps data channel (2B+D).

"Intellectual Property" means copyrights, patents, trademarks, trade-secrets, mask works and all other intellectual property rights.

"Interconnection" is As Defined in the Act.

"Interconnection Activation Date" is as defined in **Section 2.1**.

"Interexchange Carrier" or **"IXC"** means a carrier that provides interLATA or intraLATA Telephone Toll Services.

"Interim Telecommunications Number Portability" or **"INP"** is as described in the Act.

"InterLATA" is As Defined in the Act.

"IntraLATA Toll Traffic" means all intraLATA calls other than Local Traffic calls.

"Requesting Carrier Directory Customer" is as defined in **Section 15.1**.

"Listing Update(s)" means information with respect to Customers necessary for Publisher to publish directories under this Agreement in a form and format acceptable to Publisher. For Customers whose telephone service has changed since the last furnished Listing Update because of new installation, disconnection, change in address, change in name, change in non-listed or non-published status, or other change which may affect the listing of the Customer in a directory, Listing Updates shall also include information necessary in order for Publisher to undertake initial delivery and subsequent delivery of directories, including mailing addresses, delivery addresses and quantities of directories requested by a Customer. In the case of Customers who have transferred service from another LEC to Requesting Carrier without change of address, Listing Updates shall also include the Customer's former listed telephone number and former LEC, if available. Similarly, in the case of Customers who have transferred service from

requesting carrier to another LEC, Listing Updates shall also include the Customer's referral telephone number and new LEC, if available.

"Line Information Database(s) (LIDB)" means one or all, as the context may require, of the Line Information Databases owned individually by ILECs and other entities which provide, among other things, calling card validation functionality for telephone line number cards issued by ILECs and other entities. A LIDB also contains validation data for collect and third number-billed calls, which include billed number screening.

"Local Access and Transport Area" or **"LATA"** is As Defined in the Act.

"Local Exchange Carrier" or "**LEC"** is As Defined in the Act.

"Local Loop Transmission" or **"Loop"** means the transmission path which extends from Network Interface Device or demarcation point at a Customer's premises to the Main Distribution Frame or other designated frame or panel in a Party's Wire Center which serves the Customer. Loops are defined by the electrical interface rather than the type of facility used.

"Local Number Portability" or **"LNP"** means the ability of users of Telecommunications Services to retain, at the same location, existing telephone numbers without impairment of quality, reliability, or convenience when switching from one Telecommunications Carrier to another.

"Local Traffic" means a call the distance of which is fifteen (15) miles or less as calculated by using the V&H coordinates of the originating NXX and the V&H coordinates of the terminating NXX or as otherwise determined by the FCC or Commission for purposes of Reciprocal Compensation; provided, that in no event shall a Local Traffic call be greater than fifteen (15) miles as so calculated.

"Loss" or "**Losses"** means any and all losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees).

"Main Distribution Frame" means the distribution frame of the Party providing the Loop used to interconnect cable pairs and line and trunk equipment terminals on a switching system.

"Make-Ready Work" means all work, including rearrangement or transfer of existing facilities or other changes required to accommodate requesting carrier's Attachments.

"MECAB" refers to the Multiple Exchange Carrier Access Billing (MECAB) document prepared by the Billing Committee of the Ordering and Billing Forum (OBF), which functions under the auspices of the Carrier Liaison Committee (CLC) of the Alliance for Telecommunications Industry Solutions (ATIS). The MECAB document published by Bellcore as Special Report SR-BDS-000983 contains the

recommended guidelines for the billing of an access service provided by two or more LECs, or by one LEC in two or more states within a single LATA.

"Meet-Point Billing" means the process whereby each Party bills the appropriate tariffed rate for its portion of a jointly provided Switched Exchange Access Service.

"Multiple Bill/Single Tariff" means that each Party will prepare and render its own meet point bill in accordance with its own tariff for its portion of the switched access service.

"Network Element" is As Defined in the Act.

"North American Numbering Plan" or **"NANP"** means the numbering plan used in the United States that also serves Canada, Bermuda, Puerto Rico and certain Caribbean Islands. The NANP format is a 10-digit number that consists of a 3-digit NPA code (commonly referred to as the area code), followed by a 3-digit NXX code and 4-digit line number.

"Number Portability" is As Defined in the Act.

"NXX" means the three-digit code which appears as the first three digits of a seven-digit telephone number.

"OBF" means the Ordering and Billing Forum (OBF), which functions under the auspices of the Carrier Liaison Committee (CLC) of the Alliance for Telecommunications Industry Solutions (ATIS).

"Occupancy Date" is as defined in **Section 12.12.2(e)**.

"Optical Line Terminating Multiplexor" or **"OLTM"** is as defined in **Section 3.3**.

"Party" means either Ameritech or Requesting Carrier, and **"Parties"** means Ameritech and Requesting Carrier.

"Physical Collocation" is As Defined in the Act.

"PIC" is as defined in **Section 10.11.4**.

"Plan" is as defined in **Section 8.1**.

"Premises" is As Defined in the Act.

"Primary Listing" means the single directory listing provided to Customers by Publisher under the terms of this Agreement. Each telephone configuration that allows a terminating call to hunt for an

available time among a series of lines shall be considered a single Customer entitled to a single primary listing.

"Proprietary Information" is as defined in **Section 20.1.1**.

"Public Safety Answering Point" or **"PSAP"** means an answering location for 9-1-1 calls originating in a given area. A PSAP may be designed as Primary or Secondary, which refers to the order in which calls are directed for answering. Primary PSAPs respond first; Secondary PSAPs receive calls on a transfer basis only, and generally serve as a centralized answering location for a particular type of emergency call. PSAPs are staffed by employees of Service Agencies such as police, fire or emergency medical agencies or by employees of a common bureau serving a group of such entities.

"Publisher" means Ameritech's White Pages Directories publisher.

"Rate Center" means the specific geographic point which has been designated by a given LEC as being associated with a particular NPA-NXX code which has been assigned to the LEC for its provision of Telephone Exchange Service. The Rate Center is the finite geographic point identified by a specific V&H coordinate, which is used by that LEC to measure, for billing purposes, distance sensitive transmission services associated with the specific Rate Center; provided that a Rate Center cannot exceed the boundaries of an Exchange Area as defined by the Commission.

"Receiving Party" is as defined in **Section 20.1.1**.

"Reciprocal Compensation" is As Described in the Act.

"Referral Announcement" is as defined in **Article XVII**.

"Renewal Term" is as defined in **Section 21.1**.

"**Resale Listing(s)"** means a list containing the names, the telephone numbers, addresses and zip codes of Customers of requesting carrier within the defined geographic area, except to the extent such Customers of requesting carrier have requested not to be listed in a directory.

"Resale Services" is as defined in **Section 10.1**.

"Resale Tariff" means individually and collectively the effective tariff or tariffs filed by Ameritech with the Commission that sets forth certain relevant terms and conditions relating to Ameritech's resale of certain local exchange Telecommunications Services within the state of Illinois, including ILL. C.C. No. 19, Part 22 and ILL. C.C. No. 20, Part 22.

"Routing Point" means a location which a LEC has designated on its own network as the homing (routing) point for inbound traffic to one or more of its NPA-NXX codes. The Routing Point is also used

to calculate mileage measurements for the distance-sensitive transport element charges of Switched Exchange Access Services. Pursuant to Bellcore Practice BR 795-100-100 (the **"RP Practice"**), the Routing Point (referred to as the **"Rating Point"** in such RP Practice) may be an End Office Switch location, or a **"LEC Consortium Point of Interconnection"**. Pursuant to such RP Practice, each **"LEC Consortium Point of Interconnection"** shall be designated by a common language location identifier (CLLI) code with (x)KD in positions 9, 10, 11, where (x) may be any alphanumeric A-Z or 0-9. The Routing Point must be located within the LATA in which the corresponding NPA-NXX is located. However, Routing Points associated with each NPA-NXX need not be the same as the corresponding Rate Center, nor must there be a unique and separate Routing Point corresponding to each unique and separate Rate Center; provided only that the Routing Point associated with a given NPA-NXX must be located in the same LATA as the Rate Center associated with the NPA-NXX.

"Selective Routing" or **"SR"** means an E9-1-1 feature that routes an E9-1-1 call from a Control Office to the designated Primary PSAP based upon the identified number of the calling party.

"Service Agency" means the public agency, the State or any local government unit or special purpose district which has the authority to provide police, fire fighting, medical or other emergency services, which has requested the local telephone company to provide an E9-1-1 Telecommunications Service for the purpose of voice-reporting emergencies by the public.

"Service Control Point" or **"SCP"** is As Defined in the Act.

"Service Line" means a telecommunications link from the Central Office terminating at the PSAP.

"Signaling End Point" or **"SEP"** means a signaling point, other than an STP, which serves as a source or a repository for CCIS messages.

"Signal Transfer Point" or **"STP"** is As Defined in the Act.

"Subsequent Billing Company" or **"SBC"** means the Local Exchange Carrier which provides a segment of transport or switching services in connection with Feature Group B or D switched access service. For purposes of this Agreement, Ameritech is initially the SBC.

"Sunsetted Services" is as defined in **Section 10.3.2**.

"Switched Access Detail Usage Data" means a category 1101XX record as defined in the EMR Bellcore Practice BR 010-200-010.

"Switched Access Summary Usage Data" means a category 1150XX record as defined in the EMR Bellcore Practice BR 010-200-010.

"Switched Exchange Access Service" means the offering of transmission or switching services to Telecommunications Carriers for the purpose of the origination or termination of Telephone Toll Service. Switched Exchange Access Services include: Feature Group A, Feature Group B, Feature Group D, 800/888 access, and 900 access and their successors or similar Switched Exchange Access Services.

"Synchronous Optical Network" or "**SONET"** means an optical interface standard that allows inter-networking of transmission products from multiple vendors. The base rate is 51.84 Mbps (OC-1/STS-1) and higher rates are direct multiples of the base rate, up to 13.22 Gpbs.

"Technical Reference Schedule" is the list of technical references set forth in **Schedule 2.3**.

"Technically Feasible Point" is As Described in the Act.

"Telecommunications" is As Defined in the Act.

"Telecommunications Act" means the Telecommunications Act of 1996 and any rules and regulations promulgated thereunder.

"Telecommunications Assistance Program" means any means-tested or subsidized Telecommunications Service offering, including Lifeline, that is offered only to a specific category of subscribers.

"Telecommunications Carrier" is As Defined in the Act.

"Telecommunications Service" is As Defined in the Act.

"Telephone Exchange Service" is As Defined in the Act.

"Telephone Relay Service" means a service provided to speech and hearing-impaired callers that enables such callers to type a message into a telephone set equipped with a keypad and message screen and to have a live operator read the message to a recipient and to type message recipient's response to the speech or hearing-impaired caller.

"Telephone Toll Service" is As Defined in the Act.

"Unauthorized Switching" is as defined in **Section 10.11.2(a)**.

"Virtual Collocation" is As Defined in the Act.

"White Pages Directories" means directories or the portion of co-bound directories which include a list in alphabetical order by name of the telephone numbers and addresses of telecommunication company customers.

"Wholesale Resale Services" is as defined in **Section 10.1**.

"Wire Center" means the Premises of a Party which serves as a Routing Point for Switched Exchange Access Service.

SCHEDULE 2.1

IMPLEMENTATION SCHEDULE
ILLINOIS

The interconnection activation points and interconnection activation date shall be mutually determined by the Implementation Team in accordance with **Section 3.4.4** and **Schedule 12**. Ameritech's position is that any proposed interconnection with a switch that is not capable of providing local exchange service (including 911 service) does not fall within the intent or scope of this Interconnection Agreement.

SCHEDULE 2.2

BONA FIDE REQUEST

1. Ameritech shall promptly consider and analyze the submission of a Bona Fide Request that Ameritech provide: (a) Interconnection or access to an unbundled Network Element (including Combinations thereof) not otherwise provided hereunder at the time of such request; (b) an Interconnection or connection to a Network Element that is different in quality to that which Ameritech provides itself at the time of such request; or (c) a customized service for features, capabilities, functionalities or unbundled Network Element not otherwise provided hereunder at the time of such request.

2. A Bona Fide Request shall be submitted in writing and shall include a technical description of each requested Interconnection, Network Element, Combination and/or customized feature, capability or functionality.

3. Requesting Carrier may cancel a Bona Fide Request at any time, but shall pay Ameritech's reasonable and demonstrable costs of processing and/or implementing the Bona Fide Request up to the date of cancellation, except to the extent that (i) any processing charges are of the type which are not generally passed on by Ameritech to its retail or resale Customers and (ii) such costs or cost categories representing such charges are not included in the prices requesting carrier pays for the services provided by Ameritech under this Agreement.

4. Within five (5) Business Days of its receipt, Ameritech shall acknowledge receipt of the Bona Fide Request.

5. Within thirty (30) days of its receipt of a Bona Fide Request, Ameritech shall provide to requesting carrier a preliminary analysis of such Interconnection, Network Element, or requested level of quality thereof that is the subject of the Bona Fide Request or customized feature, capability or functionality. The preliminary analysis shall confirm that Ameritech will either offer access to the Interconnection, Network Element, or requested level of quality or will provide a detailed explanation that access to such Interconnection, Network Element, or requested level of quality is not technically feasible and/or that the request does not qualify as an Interconnection, Network Element, or requested level of quality that is required to be provided under the Act. If the receiving Party determines that the Interconnection, Network Element, or requested level of quality that is the subject of the Bona Fide Request is technically feasible and is otherwise required to be provided under the Act, Ameritech shall provide requesting carrier a firm price quote and availability date for such development (**"Bona Fide Request Quote"**). For Bona Fide Requests that involve either: (i) Combinations of standard offerings or (ii) individual customer arrangements that do not require alterations not otherwise performed for individual customer arrangements, for Ameritech retail customers, Ameritech shall provide a Bona Fide Request Quote within such thirty (30)-day period. For all other Bona Fide Requests, Ameritech shall provide a Bona Fide Request Quote as soon as feasible,

but in any event not more than one hundred twenty (120) days from the date Ameritech received such Bona Fide Request.

6. Within thirty (30) days of its receipt of the Bona Fide Request Quote, the requesting Party must either confirm its order for such Interconnection or Network Element pursuant to the Bona Fide Request Quote or, if it believes such quote is inconsistent with the requirements of the Act, exercise its rights under **Section 28.3**.

7. Unless requesting carrier agrees otherwise, all prices shall be consistent with the pricing principles of the Act, FCC and/or the Commission.

8. If a Party to a Bona Fide Request believes that the other Party is not requesting, negotiating, or processing the Bona Fide Request in good faith, or disputes a determination, or price or cost quote, such Party may exercise its rights under **Section 28.3**.

SCHEDULE 2.3

TECHNICAL REFERENCE SCHEDULE

Unbundled Network Elements

Unbundled Loop Transmission

Bellcore TA-NWT-000393
ANSI T1.413-1995 Specifications
AM TR-TMO-000122
AM TR-TMO-000123
Bellcore TR-NWT-000393
ANSI T1.102-1993, American National Standard for Telecommunication - Digital Hierarchy - Electrical Interfaces
Bellcore Technical Requirement TR-NWT-000499, Issue 5, December 1993, section 7
ANSI T1.413-1995
ANSI T1E1 Committee Technical report Number 28

Local Switching

Bellcore FR-NWT-000064 (Local Switching Systems General Requirements)
Bellcore GR-1432-CORE (TCAP)
Bellcore GR-905-CORE (ISUP)
Bellcore GR-1429-CORE (Call Management)
Bellcore GR-1357-CORE (Switched Fractional DS1)
Bellcore GR-1428-CORE (Toll Free Service)
Bellcore GR-1597-CORE (Calling Name)
Bellcore GR-954-CORE (Line Information Database)
Bellcore GR-2863-CORE (Advanced Intelligent Network)
GR-1298-CORE, AIN Switching System Generic Requirements
GR-1299-CORE, AIN Switch-Service Control Point (SCP)/Adjunct Interface Generic Requirements
TR-NWT-001284, AIN 0.1 Switching System Generic Requirements
SR-NWT-002247, AIN Release 1 Update
ANSI standards Q.931, Q.932
Bellcore TR-NWT-08
Bellcore TR-NWT-303
TR-NWT-000393, January 1991, Generic Requirements for ISDN Basic Access Digital Subscriber Lines

Bellcore TR-NWT-303

Dedicated and Shared Transport

AM TR-NIS-000111
AM RT-NIS 000133
ANSI T1.101-1994, American National Standard for Telecommunications -Synchronization Interface Standard Performance and Availability
ANSI T1.102-1993, American National Standard for Telecommunications - Digital Hierarchy - Electrical Interfaces
ANSI T1.105-1995, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates and Formats
ANSI T1.105.01-1995, American National Standard for Telecommunications -Synchronous Optical Network (SONET) - Automatic Protection Switching
ANSI T1.105.02-1995, American National Standard for Telecommunications -Synchronous Optical Network (SONET) - Payload Mappings
ANSI T1.105.03-1994, American National Standard for Telecommunications -Synchronous Optical Network (SONET) - Jitter at Network Interfaces
ANSI T1.105.03a-1995, American National Standard for Telecommunications -Synchronous Optical Network (SONET): Jitter at Network Interfaces - DS1 Supplement
ANSI T1.105.04-1995, American National Standard for Telecommunications -Synchronous Optical Network (SONET) - Data Communication Channel Protocols and Architectures
ANSI T1.105.05-1994, American National Standard for Telecommunications -Synchronous Optical Network (SONET) - Tandem Connection
ANSI T1.106-1988, American National Standard for Telecommunications - Digital Hierarchy - Optical Interface Specifications (Single Mode)
ANSI T1.107-1988, American National Standard for Telecommunications - Digital Hierarchy - Formats Specifications
ANSI T1.107a-1990, American National Standard for Telecommunications - Digital Hierarchy - Supplement to Formats Specifications (DS3 Format Applications)
ANSI T1.107b-1991, American National Standard for Telecommunications - Digital Hierarchy - Supplement to Formats Specifications
ANSI T1.117-1991, American National Standard for Telecommunications - Digital Hierarchy - Optical Interface Specifications (SONET) (Single Mode - Short Reach)
ANSI T1.119-1994, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Operations, Administration, Maintenance, and Provisioning (OAM&P) Communications
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Bellcore GR-905-CORE, Common Channel Signaling Network Interface Specification (CCSNIS) Supporting Network Interconnection, Message Transfer Part (MTP), and Integrated Services Digital Network User Part (ISDNUP)

Bellcore GR-1432-CORE, CCS Network Interface Specification (CCSNIS) Supporting Signaling Connection Control Part (SCCP) and Transaction Capabilities Application Part (TCAP)

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ANSI T1.116-1990, American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Operations, Maintenance and Administration Part (OMAP)

ANSI T1.118-1992, American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Intermediate Signaling Network Identification (ISNI)

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Ameritech Technical Publication TR-NIS-000111, Ameritech 0C3, 0C12 and 0C48 Service Interface Specifications; and

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TR-NWT-001275 Central Office Environment Installations/Removal Generic Requirements, Issue 1, January 1993

Institute of Electrical and Electronics Engineers (IEEE) Standard 383, IEEE Standard for Type Test of Class 1 E Electrical Cables, Field Splices, and Connections for Nuclear Power Generating Stations

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SCHEDULE 3.8

AMERITECH INTERCONNECTION PERFORMANCE BENCHMARKS

1.0 Trunk Provisioning Intervals

1.1 Number of End Office

Trunks Per Order Per Day	Interval
1-48	14 days
49-96	15 days
97 +	Negotiated

1.2 New Trunk Groups to Tandem(s) — Negotiated

2.0 Trunking Grade of Service

Blocking Standards

Traffic Type	Measurement
Exchange Access Final Trunk Group Traffic via Tandems	1/2 of 1% (0.005)
All Other Final Trunk Group Traffic	1% (0.01)

3.0 Trunk Restoral

Type of Outage	Interval
Service Affecting	within 1 hour
Non-Service Affecting	within 24 hours

The Parties agree that additional Interconnection Performance Benchmarks may be agreed upon by the Implementation Team. However, if any additional Interconnection Performance Benchmarks require a Party to maintain records which it then does not maintain, the Party requesting such new or additional benchmarks shall utilize the Bona Fide Request process with respect to such records.

SCHEDULE 3.9

9-1-1 SERVICE

1.0 Standard Features

1.1. Forced Disconnect. Enables the PSAP attendant to release a connection on a 9-1-1 call, even if the calling party remains off-hook. The time required to effect the forced disconnect varies as a function of the office type.

1.2. Default Routing. Default Routing is activated when an incoming 9-1-1 call cannot be selectively routed due to an ANI failure, garbled digits or other causes. Such incoming calls are routed from the 9-1-1 Control Office to a default PSAP if requested by the primary PSAP. Each incoming 9-1-1 facility group to the Control Office is assigned to a designated default PSAP. Default ANI and ALI data is provided when a call is Default Routed to indicate such routing has taken place.

1.3. Alternate Routing. Alternate Routing allows 9-1-1 calls to be routed to a designated alternate location if (a) all 9-1-1 Service Lines to the Primary PSAP are busy, or (b) the Primary PSAP closes down for a period (e.g., night service).

1.4. Central Office Transfer Arrangements:

1.4.1. Manual transfer enables the PSAP attendant to transfer an incoming call by depressing the switchhook of the associated telephone or the "add" button on the Display and Transfer Unit and dialing either a 10-digit telephone number, a 7-digit telephone number or a 2-digit speed calling code.

1.4.2. Fixed transfer enables a PSAP attendant to transfer incoming 9-1-1 calls to Secondary PSAPs by use of a single button on the Display and Transfer Unit.

1.4.3. Selective transfer provides the PSAP with the ability to transfer an incoming call to another responding agency by depressing a single button labeled with the type of agency (e.g., **"FIRE"**) on the Display and Transfer Unit. Selective transfer is only available when Selective Routing is provided.

2.0 9-1-1 Meet Points For Primary And Diverse Routes

The point of Interconnection for requesting carrier's Primary and Diverse Routes to the mux/co-location and 9-1-1 Control Offices is at the Ameritech Central Office. Requesting Carrier shall pay tariff charges for Diverse routes. Requesting Carrier will be responsible for determining the proper quantity of trunks from its End Office(s) to the Ameritech Central Office(s). Trunks between the Ameritech Central Office and

the Ameritech Control Office shall be delivered by Ameritech within twenty (20) Business Daysfollowing order by requesting carrier. Following delivery, requesting carrier and Ameritech will cooperate to promptly test all transport facilities between requesting carrier's network and the Ameritech Control Office to assure proper functioning of the 9-1-1 service.

SCHEDULE 6.0

MEET-POINT BILLING RATE STRUCTURE

A. Interstate access - Terminating to or originating from Requesting Carrier Customers served from a requesting carrier local exchange End Office.

Rate Element	Billing	Company
CCL		Requesting Carrier
Local Switching	Requesting Carrier	
Interconnection Charge		Requesting Carrier
Local Transport (Tandem) Termination		50% Ameritech
		50% Requesting Carrier
Local Transport (Tandem) Facility	This will be calculated based on NECA tariff No. 4 filings for each Party	
Tandem Switching		Ameritech
Entrance Facility		Ameritech

B. Intrastate access - Terminating to or originating from Requesting Carrier Customers served from a Requesting Carrier local exchange End Office.

Rate Element	Billing	Company
CCL		Requesting Carrier
Local Switching	Requesting Carrier	
Interconnection Charge		Requesting Carrier
Local Transport (Tandem) Termination		50% Ameritech
		50% Requesting Carrier
Local Transport (Tandem) Facility	This will be calculated based on NECA tariff No. 4 filings for each Party	
Tandem Switching		Ameritech
Entrance Facility		Ameritech

SCHEDULE 9.2.1

LOCAL LOOPS

Subject to **Section 1.1** of **Schedule 9.5**, Ameritech shall allow requesting carrier to access the following Loop types (in addition to those Loops available under applicable tariffs) unbundled from local switching and local transport.

"2-Wire Analog Voice Grade Loop" or **"Analog 2W,"** which supports analog transmission of 300-3000 Hz, repeat loop start, loop reverse battery, or ground start seizure and disconnect in one direction (toward the End Office Switch), and repeat ringing in the other direction (toward the Customer) and terminates in a 2-Wire interface at both the central office MDF and the customer premises. Analog 2W includes Loops sufficient for the provision of PBX trunks, pay telephone lines and electronic key system lines. Analog 2W will be provided in accordance with the specifications, interfaces, and parameters described in Technical Reference AM-TR-TMO-000122, Ameritech Unbundled Analog Loops.

"4-Wire Analog Voice Grade Loop" or **"Analog 4W,"** which supports transmission of voice grade signals using separate transmit and receive paths and terminates in a 4-wire electrical interface at both ends. Analog 4W will be provided in accordance with the specifications, interfaces, and parameters described in Technical Reference AM-TR-TMO-000122, Ameritech Unbundled Analog Loops.

"2-Wire ISDN 160 Kbps Digital Loop" or **"BRI-ISDN"** which supports digital transmission of two 64 kbps bearer channels and one 16 kbps data channel (2B+D). BRI-ISDN is a 2B+D Basic Rate Interface-Integrated Services Digital Network (BRI-ISDN) Loop which will meet national ISDN standards and conform to Technical Reference AM-TR-TMO-000123, Ameritech Unbundled Digital Loops (including ISDN).

"2-Wire ADSL-Compatible Loop" or "**ADSL 2W"** is a transmission path which facilitates the transmission of up to a 6 Mbps digital signal downstream (toward the Customer) and up to a 640 kpbs digital signal upstream (away from the Customer) while simultaneously carrying an analog voice signal. An ADSL-2W is provided over a 2-Wire, non-loaded twisted copper pair provisioned using revised resistance design guidelines and meeting ANSI Standard T1.413-1995 and AM TR--TMO-000123. An ADSL-2W terminates in a 2-wire electrical interface at the Customer premises and at the Ameritech Central Office frame. ADSL technology can only be deployed over Loops which extend less than 18 Kft. from Ameritech's Central Office. ADSL compatible Loops are available only where existing copper facilities can meet the ANSI T1.413-1995 specifications.

"2-Wire HDSL-Compatible Loop" or **"HDSL 2W"** is a transmission path which facilitates the transmission of a 768 kbps digital signal over a 2-Wire, non-loaded twisted copper pair meeting the specifications in ANSI T1E1 Committee Technical Report Number 28. HDSL compatible Loops are available only where existing copper facilities can meet the T1E1 Technical Report Number 28 and AM-TR-TMO-000123 specifications.

"4-Wire HDSL-Compatible Loop" or "**HDSL 4W"** is a transmission path which facilitates the transmission of a 1.544 Mbps digital signal over two 2-Wire, non-loaded twisted copper pairs meeting the specifications in ANSI T1E1 Committee Technical Report Number 28 and AM TR-TMO-000123. HDSL compatible Loops are available only where existing copper facilities can meet the T1E1 Technical Report Number 28 specifications.

"4-Wire 64 Kbps Digital Loop" or "4-Wire 64 Digital" is a transmission path which supports transmission of digital signals of up to a maximum binary information rate of 64 Kbps and terminates in a 4-Wire electrical interface at both the Customer premises and on the MDF in Ameritech's Central Office. 4-Wire 64 Digital will be provided in accordance with the specifications, interfaces and parameters described in AM-TR-TMO-000123.

"4-Wire 1.544 Mbps Digital Loop" or "1.544 Mbps Digital" is a transmission path which supports transmission of digital signals of up to a maximum binary information rate of 1.544 Mbps and terminates in a 4-Wire electrical interface at the Customer premises and on the DSX frame in Ameritech's Central Office. 1.544 Mbps Digital will be provided in accordance with the specifications, interfaces and parameters described in AM-TR-TMO-00023.

SCHEDULE 9.2.2

UNBUNDLED ACCESS TO NETWORK INTERFACE DEVICES

Ameritech's Network Interface Device (**"NID"**) is a Network Element that utilizes a cross-connect device to connect loop facilities to inside wiring.

Ameritech will permit requesting carrier to connect requesting carrier's loop to the inside wiring of the Customer's premises through Ameritech's NID, where necessary. Requesting Carrier must establish the connection to Ameritech's NID through an adjoining NID which serves as the network interface or demarcation for requesting carrier's loop.

Maintenance and control of premises (inside wiring) is under the control of the Customer. Any conflicts between service providers for access to the Customer's inside wire must be resolved by the Customer.

SCHEDULE 9.2.3

SWITCHING CAPABILITY

1.0 Local Switching.

1.1 The local switching capability of a Network Element is defined as:

(1) line-side facilities, which include the connection between a Loop termination at the Main Distribution Frame and a switch line card;

(2) trunk-side facilities, which include the connection between trunk termination at a trunk-side cross- connect panel and a switch trunk card; and

(3) all features, functions, and capabilities of the switch available from the specific port type (line side or trunk side port), which include:

(a) the basic switching function of connecting lines to lines, lines to trunks, trunks to lines, and trunks to trunks, as well as the same basic capabilities made available to Ameritech's Customers, such as a telephone number, white page listing, and dial tone;

(b) access to operator services, directory assistance and 9-1-1; and

(c) all other features that the switch provides, including custom calling, CLASS features and Centrex, as well as any technically feasible customized routing functions available from such switch.

When local switching is provided by Ameritech, requesting carrier will receive Customer Usage Data and billing information in accordance with the requirements of **Section 10.16**.

2.0 Tandem Switching.

2.1 The Tandem Switching Capability Network Element is defined as:

(1) an unbundled Network Element in Ameritech's Class 4 non-TOPS digital Tandem Switches, which includes Interconnection with the trunk at the Tandem Distribution Frame (**"TDF"**) and the Tandem Switch trunk ports;

(2) the basic switching function of creating a temporary transmission path that connects requesting carrier's trunks to the trunks of Ameritech, IXCs, ICOs, CMRS, and other LECs interconnected to the Tandem Switch.

2.2 Interconnecting trunk types which can be switched include FGB, FGC, FGD and Type II. Signaling support includes Rotary, MF, and SS7 and any signaling conversions between these signaling formats.

2.3 Variations in Tandem Switching equipment used to provide service in specific locations may cause differences in the operation of certain features.

2.4 The unbundled Tandem Switching Network Element will provide to requesting carrier all available basic Tandem Switching functions and basic capabilities that are centralized in the Tandem Switch (and not in End Office Switches), including the following functions Ameritech makes available to its Customers:

1. Routing of calls from an inbound trunk to an outbound trunk based on destination digits.

2. Routing of Equal Access or Operator Service calls from an inbound trunk to an outbound trunk based on the CIC forwarded by the inbound trunk.

2.5 Translations, screening, blocking, and route indexing are provided if technically feasible under the standard switching translations and screening in use in that switch. A request for translations, screening, blocking, route indexing other than what is available (i.e., features that the switch is capable of providing) in that switch will be provided where technically feasible as a Bona Fide Request. Ameritech will provide these features if technically feasible and upon agreement by requesting carrier to pay the applicable recurring and nonrecurring costs of developing, installing, providing and maintaining the capability. Variations in the Tandem Switching equipment or translation and screening used to provide service in specific locations may cause differences in the operation of the element.

SCHEDULE 9.2.4

INTEROFFICE TRANSMISSION FACILITIES

Interoffice Transmission Facilities are Ameritech transmission facilities dedicated to a particular Customer or carrier, or shared by more than one Customer or carrier, used to provide Telecommunications Services between Wire Centers owned by Ameritech or Requesting Carrier, or between Switches owned by Ameritech or Requesting Carrier.

1. Ameritech provides several varieties of unbundled transport facilities:

1.1. Unbundled dedicated interoffice transport facility **("Dedicated Transport")** is a dedicated facility connecting two Ameritech Central Offices buildings via Ameritech transmission equipment. In each Central Office building, Requesting Carrier will Cross-Connect this facility to its own transmission equipment (physically or virtually) Collocated in each Wire Center, or to other unbundled Network Elements provided by Ameritech to the extent the requested combination is technically feasible and is consistent with other standards established by the FCC for the combination of unbundled Network Elements. All applicable digital Cross-Connect, multiplexing, and Collocation space charges apply at an additional cost.

1.2. "Unbundled dedicated entrance facility" is a dedicated facility connecting Ameritech's transmission equipment in an Ameritech Central Office with Requesting Carrier's transmission equipment in requesting carrier's Wire Center for the purposes of providing Telecommunications Services.

1.3. Shared transport transmission facilities (**"Shared Transport"**) are a billing arrangement where two (2) or more carriers share the features, functions and capabilities of transmission facilities between the same types of locations as described for dedicated transport in **Sections 1.1** and **1.2** preceding and share the costs.

2. Ameritech shall offer Interoffice Transmission Facilities in each of the following ways:

2.1. As a dedicated transmission path (e.g., DS1, DS3, OC3, OC12 and OC48) dedicated to requesting carrier.

2.2. As a shared transmission path as described in **Section 1.3** above.

2.3. Through the Bona Fide Request process, requesting carrier may order the equipment and facilities used to provide Dedicated Transport as a system (e.g., a SONET ring) dedicated to requesting carrier.

3. Where Dedicated Transport or Shared Transport is provided, it shall include (as appropriate):

3.1. The transmission path at the requested speed or bit rate.

3.2. The following optional features are available; if requested by requesting carrier, at additional cost:

3.2.1. Clear Channel Capability per 1.544 Mbps (DS1) bit stream.

3.2.2. Ameritech provided Central Office multiplexing:

(a) DS3 to DS1 multiplexing; and

(b) DS1 to Voice/Base Rate/128, 256, 384 Kpbs Transport multiplexing.

3.3. If requested by requesting carrier, the following are available at an additional cost:

3.3.1. 1+1 Protection for OC3, OC12 and OC48.

3.3.2. 1+1 Protection with Cable Survivability for OC3, OC12 and OC48.

3.3.3. 1+1 Protection with Route Survivability for OC3, OC12 and OC48.

4. Technical Requirements.

This Section sets forth technical requirements for all Interoffice Transmission Facilities:

4.1. When Ameritech provides Dedicated Transport as a circuit, the entire designated transmission facility (e.g., DS1, DS3, and if and where available, STS-1) shall be dedicated to requesting carrier designated traffic.

4.2. Ameritech shall offer Dedicated Transport in all then currently available technologies including DS1 and DS3 transport systems, SONET Bi-directional Line Switched Rings, SONET Unidirectional Path Switched Rings, and SONET point-to-point transport systems (including linear add-drop systems), at all available transmission bit rates, except subrate services, where available.

4.3. For DS1 facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO" connections in the applicable technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule.

4.4. For DS3 and, if and where available, STS-1 facilities and higher rate facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO" connections in the applicable technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule.

4.5. When requested by requesting carrier, Dedicated Transport shall provide physical diversity. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.

4.6. When physical diversity is requested by requesting carrier, Ameritech shall provide the maximum feasible physical separation between intra-office and inter-office transmission paths (unless otherwise agreed by requesting carrier).

4.7. Any request by requesting carrier for diversity shall be subject to additional charges.

4.8. Upon requesting carrier's request and its payment of any additional charges, Ameritech shall provide immediate and continuous remote access to performance monitoring and alarm data affecting, or potentially affecting, Requesting carrier's traffic.

4.9. Ameritech shall offer the following interface transmission rates for Dedicated Transport:

4.9.1. DS1 (Extended SuperFrame - ESF, D4, and unframed applications (in each case, if used by Ameritech));

4.9.2. DS3 (C-bit Parity and M13 and unframed applications (in each case, if used by Ameritech) shall be provided);

4.9.3. SONET standard interface rates in accordance with the applicable ANSI technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule. In particular, where STS-1 is available, VT1.5 based STS-1s will be the interface at a requesting carrier service node.

4.10. Upon requesting carrier's request, Ameritech shall provide requesting carrier with electronic provisioning control of a requesting carrier specified Dedicated Transport through Ameritech Network Reconfiguration Service (ANRS) on the rates, terms and conditions in F.C.C. Tariff No. 2.

4.11. Ameritech shall permit, at applicable rates, requesting carrier to obtain the functionality provided by DCS together with and separate from dedicated transport in the same manner that Ameritech offers such capabilities to IXCs that purchase transport services. If requesting carrier requests additional functionality, such request shall be made through the Bona Fide Request process.

SCHEDULE 9.2.5

SIGNALING NETWORKS AND CALL-RELATED DATABASES

1.0 Signaling Transfer Points.

A Signaling Transfer Point (STP) is a signaling network function that includes all of the capabilities provided by the signaling transfer point switches (STPSs) and their associated signaling links which enable the exchange of SS7 messages among and between switching elements, database elements and signaling transfer point switches.

1.1. Technical Requirements.

1.1.1. STPs shall provide access to all other Network Elements connected to Ameritech SS7 network. These include:

1.1.1.1. Ameritech Local Switching or Tandem Switching;

1.1.1.2. Ameritech Service Control Points/Databases;

1.1.1.3. Third-party local or tandem switching systems; and

1.1.1.4. Third-party-provided STPSs.

1.1.2. The connectivity provided by STPs shall fully support the functions of all other Network Elements connected to the Ameritech SS7 network. This explicitly includes the use of the Ameritech SS7 network to convey messages which neither originate nor terminate at a Signaling End Point directly connected to the Ameritech SS7 network (i.e., transient messages). When the Ameritech SS7 network is used to convey transient messages, there shall be no alteration of the Integrated Services Digital Network User Part (ISDNUP) or Transaction Capabilities Application Part (TCAP) user data that constitutes the content of the message.

1.1.3. If an Ameritech Tandem Switch routes calling traffic, based on dialed or translated digits, on SS7 trunks between a requesting carrier local switch and third party local switch, the Ameritech SS7 network shall convey the TCAP messages that are necessary to provide Call Management features (Automatic Callback, Automatic Recall, and Screening List Editing) between the requesting carrier local STPSs and the STPSs that provide connectivity with the third party local switch, even if the third party local switch is not directly connected to the Ameritech STPSs, based on the routing instruction provided in each message.

1.1.4. STPs shall provide all functions of the MTP as specified in ANSI T1.111. This includes:

1.1.4.1. Signaling Data Link functions, as specified in ANSI T1.111.2:

1.1.4.2. Signaling Link functions, as specified in ANSI T1.111.3; and

1.1.4.3. Signaling Network Management functions, as specified in ANSI T1.111.4.

1.1.5. STPs shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as specified in ANSI T1.112. In particular, this includes Global Title Translation (GTT) and SCCP Management procedures, as specified in T1.112.4. In cases where the destination signaling point is an Ameritech local or tandem switching system or database, or is a requesting carrier or third party local or tandem switching system directly connected to the Ameritech SS7 network, STPs shall perform final GTT of messages to the destination and SCCP Subsystem Management of the destination. In all other cases, STPs shall perform intermediate GTT of messages to a gateway pair of STPSs in an SS7 network connected with the Ameritech SS7 network, and shall not perform SCCP Subsystem Management of the destination.

1.1.6. STPs shall also provide the capability to route SCCP messages based on ISNI, as specified in ANSI T1.118, when this capability becomes available on Ameritech STPSs.

1.1.7. STPs shall provide all functions of the OMAP commonly provided by STPSs. This includes:

1.1.7.1. MTP Routing Verification Test (MRVT); and

1.1.7.2. SCCP Routing Verification Test (SRVT).

1.1.8. In cases where the destination signaling point is an Ameritech local or tandem switching system or database, or is a requesting carrier or third party local or tandem switching system directly connected to the Ameritech SS7 network, STPs shall perform MRVT and SRVT to the destination signaling point. In all other cases, STPs shall perform MRVT and SRVT to a gateway pair of STPSs in an SS7 network connected with the Ameritech SS7 network. This requirement shall be superseded by the specifications for Internetwork MRVT and SRVT if and when these become approved ANSI standards and available capabilities of Ameritech STPSs.

1.1.9. STPs shall be equal to or better than the following performance requirements:

1.1.9.1. MTP Performance, as specified in ANSI T1.111.6; and

1.1.9.2. SCCP Performance, as specified in ANSI T1.112.5.

1.2. Signaling Link Transport.

1.2.1. Definition. Signaling Link Transport is a set of two (2) or four (4) dedicated 56 Kbps transmission paths between requesting carrier-designated Signaling Points of Interconnection (SPOI) that provides appropriate physical diversity.

Technical Requirements.

1.2.2. Signaling Link Transport shall consist of full duplex mode 56 Kbps transmission paths.

1.2.3. Of the various options available, Signaling Link Transport shall perform in the following two (2) ways:

a) As an "A-link" which is a connection between a switch or SCP and a Signaling Transfer Point Switch (STPS) pair; and

b) As a "D-link" which is a connection between two (2) STP mated pairs in different company networks (e.g., between two (2) STPS pairs for two Competitive Local Exchange Carriers (CLECs)).

1.2.4. Signaling Link Transport shall consist of two (2) or more signaling link layers as follows:

a) An A-link layer shall consist of two (2) links.

b) A D-link layer shall consist of four (4) links.

1.2.5. A signaling link layer shall satisfy a performance objective such that:

a) There shall be no more than two (2) minutes down time per year for an A-link layer; and

b) There shall be negligible (less than two (2) seconds) down time per year for a D-link layer.

1.2.6. A signaling link layer shall satisfy interoffice and intraoffice diversity of facilities and equipment, such that:

a) No single failure of facilities or equipment causes the failure of both links in an A-link layer (i.e., the links should be provided on a minimum of two (2) separate physical paths end-to-end); and

b) No two (2) concurrent failures of facilities or equipment shall cause the failure of all four (4) links in a D-link layer (i.e., the links should be provided on a minimum of three (3) separate physical paths end-to-end).

1.2.7. Interface Requirements. There shall be a DS1 (1.544 Mbps) interface at the requesting carrier-designated SPOI. Each 56 Kbps transmission path shall appear as a DS0 channel within the DS1 interface.

2.1. Toll Free Database Services.

2.1.1. Call Routing Service. The Call Routing Service provides for the identification of the carrier to whom a call is to be routed when a toll-free (1+800-NXX-XXXX or 1+888-NXX-XXXX) call is originated by Customer. This function uses the dialed digits to identify the appropriate carrier and is done by screening the full ten digits of the dialed number. The Call Routing Service may be provided in conjunction with a Customer's InterLATA or IntraLATA Switched Exchange Access Service.

When 800 Call-Routing service is provided, an originating call is suspended at the first switching office equipped with a Service Switching Point (SSP) component of the SSC/SS7 Network. The SSP launches a query over signaling links (A-links) to the Signal Transfer Point (STP), and from there to the SCP. The SCP returns a message containing the identification of the carrier to whom the call should be routed and the call is processed.

2.1.2. Routing Options. In addition to the toll-free service offerings, new routing options are offered. These options are purchased by toll-free service providers to allow their clients to define complex routing requirements on their toll-free service. Toll-free routing options allow the service provider's Customer to route its toll-free calls to alternate carriers and/or destinations based on time of day, day of week, specific dates or other criteria. These routing options are in addition to the basic toll-free call routing requirements which would include the toll-free number, the intraLATA carrier, the interLATA carrier and the Area of Service (AOS).

2.1.3. Carrier Identification. Requesting Carrier may choose the 800 Carrier Identification service to obtain toll-free number screening. With this service, requesting carrier will launch a query to the Ameritech database using its own Service Switching Points (SSPs) network. In contrast to the Call Routing

Service described in **Section 2.1.1** above, with the 800 Carrier Identification service, no routing is performed.

Requesting carrier's SS7 network is used to transport the query from its End Office to the Ameritech SCP. Once requesting carrier's identification is provided, requesting carrier may use the information to route the toll-free traffic over its network. In these cases, Ameritech Switched Access services are not used to deliver a call to requesting carrier. The toll-free carrier ID data may not be stored for requesting carrier's future use.

2.1.4. Number Administration. Requesting carrier, at its option, may elect to use Ameritech's toll-free Service which includes toll-free Number Administration Service (NAS). With this service, Ameritech will perform the Responsible Organization service, which involves interacting with the national Service Management System (SMS/800), on behalf of the Customer. Responsible Organization services include activating, deactivating and maintaining 800/888 number records as well as trouble referral and clearance. If requesting carrier does not select NAS, requesting carrier will perform the Responsible Organization service.

2.2. LIDB Database Service.

2.2.1. The Line Information Database (LIDB) Query Response Service is a validation database system. It enables requesting carrier to offer alternately billed services to its Customers. The database provides an efficient way to validate calling cards and toll billing exception (TBE) (i.e., restricts a collect or third-party billed call). Toll fraud protection and reduced call set up expenses are among the benefits of the service.

2.2.2. Billing information records include the Customer name, phone number security personal identification numbers and third-party acceptance indications. Prior to call completion, a query is launched to the LIDB to determine the validity of the requested billing method. The call is then completed or denied based on the LIDB's response

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2.3 CNDS Database Service.

2.3.1 Caller ID identifies a calling party's telephone number through a switch-based feature installed in Ameritech's Central Office. CNDS is a CCIS/SS7 network based feature that accesses a CNDS database within the LIDB to provide a name associated with the calling party's telephone number. This service is provided using TR1188 protocol.

2.3.2 A Customer who subscribes to Caller ID with Name will see the listed name associated with the calling party's telephone line displayed on his/her Caller ID display unit. The telephone number associated with the telephone line of the calling party will also be displayed.

2.3.3 Ameritech shall charge requesting carrier for the CNDS Database Service in a similar manner to that which Ameritech charges requesting carrier for the LIDB Database Service, including a per query charge.

2.4 Local Number Portability.

2.4.1 Ameritech's provision of LNP will utilize LRN switch software based on requirements developed by the workshop participants and concurred in by the Commission. These requirements are fully compliant with the principles adopted by the FCC in its First Report and Order, CC Docket No. 95-116(the "Number Portability Order"). The detailed description and technical specifications for the planned LRN implementation can be found in various documents produced by the FCC Local Number Portability workshop.

2.4.2 Ameritech is fully prepared to provide LNP database access to requesting carrier. However, in adopting its Number Portability Order, the FCC referred certain technical and other issues to the North American Numbering Council (NANC) and issued a further notice addressing the recovery of costs associated with LNP implementation. Until these activities are concluded, Ameritech cannot finalize product descriptions and rates for access to its LNP database. Nonetheless, Ameritech is willing to begin discussions with requesting carrier to discuss requesting carrier's access to Ameritech's LNP databases in lieu of constructing requesting carrier's own.

2.5. Unbundled AIN Application Process.

2.5.1. The AIN architecture establishes a network infrastructure in which subscriber services can be defined and implemented independent from End-Office Switches. This is accomplished by a combination of SS7 signaling, interfaces between Network Elements and call-state models through which AIN Network Elements interact.

2.5.2. Ameritech's Unbundled AIN (Advanced Intelligent Network) Applications Access service will be provided on a nondiscriminatory basis and enable requesting carrier (whether it purchases unbundled switching capabilities from Ameritech or owns its own SSP (Service Switching Point)) to offer its Customers AIN services. Ameritech will make available existing AIN retail applications, as well as newly created services that requesting carrier creates via the Ameritech AIN Service Creation Environment (SCE) Access service. Unbundled AIN Applications Access provides for the AIN functionality necessary for the day to day ongoing call processing associated with a specific AIN applications execution. This includes the SS7 transport and SCP processing of the query associated with the specific service.

2.5.3. Associated with the AIN SCP is a Service Creation Environment (SCE) and a Service Management System (SMS). Ameritech offers access to the Ameritech SMS and SCE capabilities via two (2) AIN offerings: AIN Service Creation Environment Access Service and AIN Service Management System Access Service.

2.5.4. Carriers will share the common AIN infrastructure components provided by Ameritech, such as a Service Control Point (SCP), a Signaling Transfer Point (STP), Service Management System (SMS), and, if Requesting carrier purchases Unbundled Switching from Ameritech, the AIN Service Switching Point (SSP). Requesting carrier shall be responsible for assuring the compatibility of its AIN SSP software generics with the Ameritech AIN Applications and SCP software releases. Interconnection of the requesting carrier SSP with the Ameritech SS7 network is required, and can be accomplished in a number of ways.

2.5.5. Activation of the desired application at the Ameritech SCP requires subscription by both the ordering carrier requesting carrier and the end-user. In general, AIN operations require close cooperation between Ameritech and the requesting Carrier.

2.5.6. The SSP and SCP vendors provide logical capabilities which Ameritech uses to create each AIN service. The SSP and SCP vendors have no knowledge of the specific AIN Applications that Ameritech has created. Ameritech's AIN deployment is based on AIN 0.1.

3.1. AIN Service Creation Environment Access Service.

Access to Ameritech's AIN service creation functionality will be provided in a nondiscriminatory manner to requesting carrier to enable it to create new AIN services on Ameritech's network. If requesting carrier has a new AIN service concept, it can utilize all or some of the features below to obtain a fully functional AIN service. Ameritech will furnish requesting carrier with a list of AIN Applications and the switches on which such applications are available, including the software version of AIN on such switch type. When this service is ordered by requesting carrier, requesting carrier shall be responsible for the steps described in **subsections 3.1.1** to **3.1.4**, if applicable,and Ameritech shall, subject to requesting carrier's agreement to pay the applicable charges specified in this Agreement, be responsible for the steps described in **subsections 3.1.5** to **3.1.10**. The following is a list of AIN service creation functions available via this service offering:

3.1.1. Service Concept Description: The description of service idea should detail requirements such as: dialing patterns, information exchange, announcements, voice prompts, expected service management screens and reports, and CPE requirements. The AIN service creation functions made available to requesting carrier must be the same ones Ameritech uses, subject to any third party restrictions Ameritech may be subject to.

3.1.2. Creation of Technical Specification: Translation of a new service description into a technical specification including engineering requirements for Ameritech's network. The technical specification must detail how the service interacts in the network, translated in network terms, should include any expected/anticipated feature interaction discrepancies, and will include the process flows on how the service traverses the network.

3.1.3. Service Logic Design: The development of service design from SCP perspective to include Algorithms, Data Structures and Flow Diagrams.

3.1.4. Service Logic Coding: Development of machine logic in the SCE to include tables, SIBBs, and other elements as necessary.

3.1.5. Service Logic Testing: Service logic testing isolated within the to SCE to ensure accuracy of compilation and code development and compliance with Ameritech's AIN environment.

3.1.6. SMS Interface Requirements: Development of requesting carrier SMS interface access including screens, flow-through interface and reports. This is required to allow requesting carrier to activate, update, modify, and administer Customer data associated with the new service.

3.1.7. Platform Access Logic Configuration: Service specific updates to global infrastructure required to enable new service. Includes modification of the access logic to enable a new service.

3.1.8. Service Integration Testing (SIL): Intensive laboratory testing of service in conjunction with all Ameritech Switch types and or provider switch types and generics (as necessary) to minimize potential feature interaction conflicts and negative network reactions. Resources must be made available to requesting carrier on a nondiscriminatory basis.

3.1.9. Network Implementation: Conditioning of the SMS, SCP, SSP, or STP to accept service including network translations, signaling connectivity, dialing plans, and coordination of provisioning process.

3.1.10. Field Testing: Comprehensive controlled testing in a live switch environment, possibly at requesting carrier's SSP location.

3.2. AIN Service Management System Access Service.

3.2.1. Access to Ameritech's AIN service management system functionality will be provided in a nondiscriminatory manner to requesting carrier to enable it to manage AIN services located wholly within Ameritech's network (SCP & SSP) or to manage AIN services where the service logic is located within Ameritech's SCP and the Customer is served from requesting carrier's AIN-compatible SSP. Upon request of requesting carrier, Ameritech shall provide requesting carrier the unbundled AIN Applications Access service product description and a list of existing Ameritech AIN applications.

3.2.2. The Service Management System (SMS) is the administration system for the service logic and data in the Advanced Intelligent Network (AIN) Service Control Point (SCP). The SMS contains the master copy of service level, subscriber level and subscription level data. The SMS also contains a copy of the service logic.

Logical access to the SMS will be managed by a set of programs designed by Ameritech. These programs provide security for the data that resides on the AIN platforms by allowing user access to only specific data that is appropriate to the customer or carrier. Whether explicitly stated in this document or not, all access to the SMS is managed through these programs. The only exceptions to managed access to SMS functionality are for the Ameritech Network Services organizations that administer the AIN platforms. They require direct access in order to appropriately administer the platforms.

Mediated access to SMS functionality will be provided through interface programs that will be developed for specific services. Requesting carrier will have access to all of the data that the service requires in order to administer that service for its Customers. This includes service level, subscriber level, and subscription level data as well as any reports and measurement data that is mutually agreed upon by Ameritech and requesting carrier.

3.2.3. Service Logic. The SMS receives a copy of the service logic and service management logic from the Service Creation Environment (SCE) system. After population of specific network level and service level data, the SMS downloads a view of the service logic to the designated SCPs. The service management logic remains in the SMS to complement SMS utilities in the monitoring and administration of a specific service.

It is required that all of the Service Creation unit testing, System Integration Lab (SIL) testing and Network Deployment Testing has been completed.

It may be necessary for requesting carrier to negotiate timing and supply service specific data before that service can be deployed in the appropriate SCPs. Ameritech, however, is totally responsible for service logic deployment and initial SCP memory load in its network. Requesting carrier will receive timing and supply of service specific data in a nondiscriminatory manner.

3.2.4. Service Administration. Service administration involves the management of service level data which the service logic requires for its execution. SMS supports the management of service specific common data. Any changes to the data representation of the Ameritech network, which impact one or more carrier services will be administered by Ameritech. Other requesting carrier specific or service specific data changes will be identified and administered by requesting carrier.

SCHEDULE 9.2.6

OPERATIONS SUPPORT SYSTEMS FUNCTIONS

1.0 Pre-Ordering, Ordering and Provisioning. Ameritech will use the interface described in **Section 10.13.2(a)** for the transfer and receipt of data necessary to perform the pre-ordering, ordering, and provisioning functions (e.g., order entry, telephone number and due date selection). However, the Access Services Request (ASR) interface will be used for the transfer of information concerning the Network Elements and Combinations which requesting carrier intends to order in a specific location (**"Footprint"** or **"Trunk Side Information"**).

2.0 Maintenance and Repair. Ameritech will use the interface described in **Section 10.13.3(a)** for the transfer and receipt of data necessary to perform the maintenance and repair functions (e.g., trouble receipt and trouble status).

3.0 Billing. Ameritech will provide appropriate usage data to requesting carrier to facilitate Customer billing with attendant acknowledgments and status reports and exchange information to process claims and adjustments.

SCHEDULE 9.2.7

OPERATOR SERVICES AND DIRECTORY SERVICES

1.0 Operator Services. Operator Services consist of the following services.

1.1 Manual Call Assistance - manual call processing with operator involvement for the following:

(a) Calling card - the Customer dials 0+ or 0- and provides operator with calling card number for billing purposes.

(b) Collect - the Customer dials 0+ or 0- and asks the operator to bill the call to the called number, provided such billing is accepted by the called number.

(c) Third number billed - the Customer dials 0+ or 0- and asks the operator to bill the call to a different number than the calling or called number.

(d) Operator assistance - providing local and intraLATA operator assistance for the purposes of:

(1) assisting Customers requesting help in completing calls or requesting information on how to place calls;

(2) handling emergency calls;

(3) handling credits and coin telephone local refund requests; and

(4) handling person-to-person calls.

(e) Operator Transfer Service (**"OTS"**) - calls in which the Customer dials "0", is connected to an Ameritech operator and then requests call routing to an IXC subscribing to OTS. The operator will key the IXC's digit carrier identification code to route the Customer to the requested IXC's point of termination.

(f) BLV - Service in which operator verifies a busy condition on a line.

(g) BLVI - service in which operator, after verifying a busy line, interrupts the call in progress.

1.2 Automated Call Assistance - mechanized call processing without operator involvement for the following:

(a) Automated calling card service (**"ACCS"**) - the Customer dials 0 and a telephone number, and responds to prompts to complete the billing information.

(b) Automated Alternate Billing Service (**"AABS"**) -

(1) the Customer dials 0 and a telephone number and responds to prompts to process the call and complete the billing information (Customer branding not currently available).

(2) ACCS calculates charges, relates the charge to the Customer, and monitors coins deposited before connecting the 1 + intraLATA or interLATA call.

1.3 Line Information Database (**"LIDB"**) Validation - mechanized queries to a LIDB for billing validation.

1.4 Database Access - To the extent technically feasible, Ameritech will provide access to databases used in the provisioning of Operator Services via requesting carrier's Bona Fide Request.

2.0 Directory Assistance. Directory Assistance (**"DA"**) service shall consist of the following services.

2.1 Directory Assistance - those calls in which the Customer dial digits designated by requesting carrier to obtain Directory Assistance for local numbers located within his/her NPA. Two listings will be provided per call.

2.2 Branding - the ability to put messages on the front end of a DA call that is directly trunked into Ameritech's DA switch.

2.3 Information Call Completion - provides a Customer who has accessed the DA service and has received a number from the Audio Response Unit (**"ARU"**) the option of having an intraLATA call completed by pressing a specific digit on a touch tone telephone. Information Call Completion is only available to requesting carrier if it direct trunks its DA calls to Ameritech.

2.4 Upon request, and through a technically feasible arrangement, Ameritech will provide access to databases used in the provisioning of DA via requesting carrier's Bona Fide Request at rates that recover Ameritech's costs of developing, providing and maintaining the service. Such unbundled access to the DA database shall be for the purpose of having requesting carrier's Telephone Exchange Service DA

listing in the area placed into Ameritech's DA database, or to enable requesting carrier to read DA listing in the database so that requesting carrier can provide its own DA service.

3.0 Rate Application. Ameritech shall bill requesting carrier the applicable rates on a monthly basis, in accordance with the following methodology:

3.1 Manual Call Assistance - operator call occurrences multiplied by the per call rate. Total call occurrences shall include all processed calls, whether or not they are completed.

3.2 Automated Call Assistance (ACCS and AABS) - call occurrences multiplied by the per call occurrence rate. Total call occurrences shall include all processed calls, whether or not they are completed.

3.3 LIDB Validation - validation occurrences multiplied by the LIDB validation per occurrence rate. Total validation occurrences shall include all validations, whether or not the call is completed. Ameritech will accumulate operator occurrences, automated occurrences, and LIDB validation occurrences via its Operator Services Call Analysis System (**"OSCAS"**). OSCAS utilizes TOPS AMA recordings to produce monthly summaries of mechanized and manual call occurrences.

3.4 BLV - operator call occurrences multiplied by the per call rate. Total call occurrences shall include all processed calls whether or not they are completed.

3.5 BLVI - operator call occurrences multiplied by the per call rate. Total call occurrences shall include all processed calls whether or not they are completed.

3.6 Lost Records. If Ameritech is responsible for lost, destroyed, or mutilated TOPS AMA recordings, Ameritech will not bill requesting carrier for those calls for which there are no records. Likewise, Ameritech shall not be held responsible by requesting carrier for lost revenue. However, if within ninety (90) days, actual data should become available, Ameritech will bill requesting carrier for those calls using actual data.

SCHEDULE 9.3.4

COMBINATIONS

1. Unbundled Element Platform with Operator Services and Directory Assistance.

Unbundled Loop
Local Switching
Operator Services and Directory Assistance
Shared Transport
Dedicated Transport
STPs
Signaling Link Transport
Service Control Points (SCPs)/Databases
Tandem Switching

2. Loop Combination

Unbundled Loop
Network Interface Device

3. Switching Combination #1

Shared Transport
Dedicated Transport
STPs
Signaling Link Transport
Service Control Points (SCPs)/Databases
Tandem Switching

The price for each Combination shall include the applicable charges (including any applicable usage charges) for each unbundled Network Element provided as part of each Combination.

SCHEDULE 9.3.5

Combinations AVAILABLE THROUGH BONA FIDE REQUEST

1. Loop/Network Combination

Unbundled Loop
Shared Transport
Dedicated Transport
STPs
Signaling Link Transport
Service Control Points (SCPs)/Databases
Tandem Switching

2. Switching Combination #2

Network Interface Device
Local Switching
Shared Transport
Dedicated Transport
SS7 Message Transfer & Connection Control
Signaling Link Transport
Service Control Points (SCPs)/Databases
Tandem Switching

3. Switching Combination #3

Network Interface Device
Local Switching
Operator Systems
Shared Transport
Dedicated Transport
SS7 Message Transfer & Connection Control
Signaling Link Transport
Service Control Points (SCPs)/Databases
Tandem Switching

4. Switched Data Services

Network Interface Device
Local Switching
Shared Transport
Dedicated Transport
Tandem Switching

5. Unbundled Element Platform Without Operator Services and Directory Assistance

Unbundled Loop
Local Switching
Shared Transport
Dedicated Transport
STPs
Signaling Link Transport
Service Control Points (SCPs)/Databases
Tandem Switching

SCHEDULE 9.5

PROVISIONING OF NETWORK ELEMENTS

1.0 General Provisioning Requirements.

1.1 Subject to the terms of **Article IX**, Requesting carrier may order and/or request Elements either individually or as Combinations.

1.2 The Combinations set forth on **Schedule 9.3.4** and any additional Combination provided previously hereunder by Ameritech pursuant to the Bona Fide Request process shall be identified and described by requesting carrier so that they can be ordered and provisioned as a Combination and shall not require the enumeration of each Network Element within that Combination on each provisioning order; provided that in each case requesting carrier shall specify on each order the type of service to be provided as well as the engineering and routing characteristics (e.g., redundancy requirements and data transfer rates) requesting carrier requests for such Combination.

1.3 Requesting carrier may order from Ameritech multiple individual Network Elements on a single order without the need to have requesting carrier send an order for each such Network Element if such Network Elements are (i) for a single type of service, (ii) for a single location and (iii) for the same account.

1.4 Ameritech shall provide provisioning services to requesting carrier Monday through Friday from 8:00 a.m. to 5:00 p.m. CST. Requesting carrier may request Ameritech to provide Saturday, Sunday, holiday, and/or off-hour provisioning services. If requesting carrier requests that Ameritech perform provisioning services at times or on days other than as required in the preceding sentence, Ameritech shall quote, within three (3) Business Days of the request, a cost-based rate for such services. If requesting carrier accepts Ameritech's quote, Ameritech shall perform such provisioning services.

1.5 Ameritech shall provide a Single Point of Contact (each, a SPOC) for ordering and provisioning contacts and order flow involved in the purchase and provisioning of Ameritech's unbundled Network Elements or Combinations. The SPOCs shall provide an electronic interface twenty-four (24) hours a day, seven (7) days a week for all ordering and provisioning order flows. Each SPOC shall also provide to requesting carrier a toll-free nationwide telephone number (operational from 8:00 a.m. to 5 p.m., Monday through Friday) which will be answered by capable staff trained to answer questions and resolve problems in connection with the provisioning of Network Elements or Combinations.

1.6 Ameritech shall provide to requesting carrier a single point of contact (the **"Unbundling Ordering Center"**) for ordering unbundled Network Elements. A national toll-free number will be provided from 7:00 a.m. to 5:00 p.m. CST, Monday through Friday. This Unbundling Ordering Center is responsible for order acceptance, order issuance, and return of the Firm Order Commitment (**"**FOC**"**) to requesting carrier as specified in this **Schedule 9.5**.

In addition, Ameritech shall provide to requesting carrier a single point of contact (the "**Unbundling Service Center"**) for all provisioning, maintenance, repair, and cutover coordination. A national toll-free number will be provided from 6:30 a.m. to 12:00 a.m. CST Monday through Friday. Out of hours maintenance questions are handled by a **"Fold Down Center."**

1.7 Ameritech will recognize requesting carrier as the Customer of Record of all Network Elements and agreed to Combinations ordered by requesting carrier and will send all notices, invoices and pertinent Customer information directly to requesting carrier.

1.8 When requested by requesting carrier, Ameritech will schedule installation appointments with Ameritech's representative on the line with requesting carrier's representative until requesting carrier has access to Ameritech's scheduling system.

1.9 Ameritech will provide requesting carrier with a FOC for each order, within forty-eight (48) hours of Ameritech's receipt of that order, or within a different time interval agreed upon by the Implementation Team but in any event, not less than forty-eight (48) hours. The FOC must contain an enumeration of requesting carrier's ordered Network Elements or Combination features, options, physical Interconnection, quantity, and Ameritech commitment date for order completion (**"Committed Due Date"**), which commitment date shall be established on a nondiscriminatory basis with respect to installation dates for comparable orders at such time.

1.10 Upon work completion, Ameritech will provide requesting carrier electronically (unless otherwise notified by requesting carrier) with an order completion per order that states when that order was completed. Ameritech shall respond with specific order detail as enumerated on the FOC and shall state any additional charges (e.g., time and materials charges) up to a previously agreed upon limit associated with that order.

1.11 Ameritech will perform pre-testing of Network Elements and Combinations in accordance with Ameritech's standards. At requesting carrier's request, Ameritech will make available to requesting carrier on a weekly batch basis any available test and turn-up results in support of the Network Elements or Combinations ordered by

requesting carrier. Requesting carrier shall be responsible for any costs incurred by Ameritech to provide copies of any available results. If requesting carrier requests Ameritech to provide requesting carrier with any test or turn-up results which Ameritech does not then generate, requesting carrier shall request such results through the Bona Fide Request process.

1.12 As soon as identified, Ameritech shall provide notification electronically of requesting carrier orders that are incomplete or incorrect and therefore cannot be processed.

1.13 As soon as identified, Ameritech shall provide notification electronically of any instances when Ameritech's Committed Due Dates are in jeopardy of not being met by Ameritech on any element or feature contained in any order for Network Elements or Combinations. Ameritech shall indicate its new committed due date as soon as such date is available.

1.14 Within twenty-four (24) hours of requesting carrier's request, Ameritech will perform cooperative testing with requesting carrier (including trouble shooting to isolate any problems) to test Network Elements or Combinations purchased by requesting carrier in order to identify any performance problems.

1.15 Subject to **Article IX**, Network Elements and Combinations will be provisioned with a combination of customer-specific and bulk orders as specified by requesting carrier.

1.16 When requesting carrier orders Network Elements or Combinations that are currently interconnected and functional and remain interconnected to the same adjacent Network Elements, such Network Elements and Combinations will remain interconnected and functional without any disconnection or disruption of functionality of such Network Elements. There shall be no charge for such interconnection. Consequently, for Ameritech retail Customers who simply wish to switch their local service providers and keep the same type of service provided through the same equipment, this method of ordering will accomplish this with no physical changes required in the existing Network Elements. Under these circumstances, it shall not be necessary for requesting carrier to collocate equipment in Ameritech Central Offices to connect the unbundled Network Element. If shared Network Elements are used, Ameritech will be responsible for all engineering, provisioning and maintenance of these components to ensure they support the agreed-upon grade of service.

1.17 Ameritech shall provide to requesting carrier upon request:

(a) a list of all services and features technically available from each switch that Ameritech may use to provide Local Switching, by switch CLLI;

(b) a listing by street address detail, of the service coverage area of each switch CLLI;

(c) when available, all engineering design and layout information for each Network Element and Combination; provided that requesting carrier shall pay Ameritech for the costs incurred by Ameritech to provide requesting carrier with copies of such information;

(d) a listing of all technically available functionalities for each Network Element or Combination; and

(e) advanced information on the details and requirement for planning and implementation of NPA splits.

1.18 Promptly after the Effective Date, Ameritech shall provide requesting carrier an initial electronic copy of the following information:

(a) Street address verification;
(b) Switch identification by service address; and
(c) Switch feature verification.

Electronic updates to such information shall be provided monthly to requesting carrier as changes are made to such information.

1.19 For orders of Network Elements (and INP with the installation of a Loop) that require coordination among Ameritech, requesting carrier and requesting carrier's Customer, requesting carrier shall be responsible for any necessary coordination with the requesting carrier Customer.

2.0 Unbundled Local Loop Transmission

2.1 Access to Unbundled Local Loops.

2.1.1 Requesting carrier shall access Ameritech's Unbundled Local Loops via Collocation or in accordance with **Article IX** of this Agreement at the Ameritech Wire Center where that element exists and each Loop shall be delivered to requesting carrier's Collocation by means of a Cross-Connection, which shall be an additional charge.

2.1.2 Ameritech shall provide requesting carrier access to its unbundled Loops at each of Ameritech's Wire Centers. In addition, if requesting carrier requests one or more Loops

serviced by Integrated Digital Loop Carrier or Remote Switching technology deployed as a Loop concentrator, Ameritech shall, where available, move the requested Loop(s) to a spare, existing physical Loop at no charge to requesting carrier. If, however, no spare physical Loop is available, Ameritech shall within forty-eight (48) hours of requesting carrier's request notify requesting carrier of the lack of available facilities. Requesting carrier may then at its discretion make a Bona Fide Request for Ameritech to provide the unbundled Loop through the demultiplexing of the integrated digitized Loop(s). Notwithstanding anything to the contrary in this Agreement, the provisioning intervals set forth in **Section 2.2.2** of this Schedule and the Ameritech Network Element Performance Benchmarks set forth in **Schedule 9.10** of this Agreement shall not apply to unbundled Loops provided under this **Section 2.1.2**.

2.1.3 If requesting carrier orders a Loop type and the distance requested on such Loop exceeds the transmission characteristics as referenced in the corresponding Technical Reference specified below, distance extensions may be requested where technically feasible to meet the specification using such distance extensions. Requesting carrier shall compensate Ameritech for the costs incurred to provide such distance extensions.

Loop Type	Technical Reference/Limitation
Electronic Key Line	2.5 miles
ISDN	Bellcore TA-NWT-000393
HDSL 2W	T1E1 Technical Report Number 28
HDSL 4W	T1E1 Technical Report Number 28
ADSL 2W	ANSI T1.413-1995 Specification

2.2 Provisioning of Unbundled Loops.

The following coordination procedures shall apply for conversions of **"live"** Telephone Exchange Services to unbundled Network Elements:

2.2.1 Requesting carrier shall request unbundled Loops from Ameritech by delivering to Ameritech a valid electronic transmittal service order (a **"Service Order"**) using the electronic interface described on **Schedule 9.2.6**. Within forty-eight (48) hours of Ameritech's receipt of a Service Order, Ameritech shall provide requesting carrier the FOC date according to the applicable Ameritech Network Element Performance Benchmarks set forth in **Section 9.10** of this Agreement by which the Loop(s) covered by such Service Order will be installed.

2.2.2 Ameritech shall provision unbundled Loops in accordance with the time frames set forth on **Schedule 9.10** or within such other intervals as agreed upon by the Parties.

2.2.3 Ameritech agrees to coordinate with requesting carrier at least forty-eight (48) hours prior to the due date a scheduled conversion date and time (the **"Scheduled Conversion Time"**) in the **"A.M."** (12:00 midnight to 12:00 noon) or **"P.M."** (12:00 noon to 12:00 midnight) (as applicable, the **"Conversion Window"**).

2.2.4 Not less than one (1) hour prior to the Scheduled Conversion Time, either Party may contact the other Party and unilaterally designate a new Scheduled Conversion Time (the **"New Conversion Time"**). If the New Conversion Time is within the Conversion Window, no charges shall be assessed on or waived by either Party. If, however, the New Conversion Time is outside of the Conversion Window, the Party requesting such New Conversion Time shall be subject to the following:

If Ameritech requests the New Conversion Time, the applicable Line Connection Charge shall be waived; and

If requesting carrier requests the New Conversion Time, requesting carrier shall be assessed a Line Connection Charge in addition to the Line Connection Charge that will be incurred for the New Conversion Time.

2.2.5 Ameritech shall test for requesting carrier dial-tone (**"Dial Tone Test"**) at requesting carrier's Virtual Collocated equipment during a window not greater than forty-eight (48) hours but not less than eight (8) hours prior to the Scheduled Conversion Time (or New Scheduled Time, as applicable). Ameritech shall perform the Dial Tone Test at no charge for one Contract Year. Thereafter, Ameritech shall charge requesting carrier for Dial Tone Test on a time and materials basis.

2.2.6 Except as otherwise agreed by the Parties for a specific conversion, the Parties agree that the time interval expected from disconnection of **"live"** Telephone Exchange Service to the connection of an unbundled Network Element at the requesting carrier Collocation interface point will be sixty (60) minutes or less. If a conversion interval exceeds sixty (60) minutes and such delay is caused solely by Ameritech (and not by a Delaying Event), Ameritech shall waive the applicable Line Connection Charge for such element. If requesting carrier has ordered INP with the installation of a Loop, Ameritech will coordinate the implementation of INP with the Loop conversion during the sixty (60) minute interval at no additional charge.

2.2.7 Requests for maintenance or repair of unbundled Loops are initiated using the industry standard "electronic bonding" interface (EBI) and are handled by the Ameritech Unbundling Service Center (**"USC"**). The USC works with local Ameritech personnel to perform any manual testing that may be required to isolate the trouble.

3.0 Network Interface Device Capability.

3.1 Ameritech will provide requesting carrier access to NIDs in a manner that will permit requesting carrier to connect its loop facilities to the Customer's inside wiring through Ameritech's NID, as required. Requesting carrier shall establish this connection through an adjoining NID provided by requesting carrier.

3.2 Due to the wide variety of NIDs utilized by Ameritech (based on Customer size and environmental considerations), requesting carrier may access the Customer's inside wire by any of the following means:

(a) Where an adequate length of inside wire is present and environmental conditions permit, requesting carrier may remove the inside wire from Ameritech's NID and connect that wire to requesting carrier's NID;

(b) Enter the Customer access chamber or "side" of "dual chamber" NID enclosures for the purpose of extending a connecterized or spliced jumper wire from the inside wire through a suitable "punch-out" hole of such NID enclosures;

(c) Enter Ameritech's loop terminal enclosure located at a multiple dwelling unit ("**MDU"**) for the purpose of accessing Customer premises inside wire and extending such wire to requesting carrier's own adjoining NID; or

(d) Request Ameritech to make other rearrangements to the inside wire terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting party (i.e., requesting carrier, its agent, the building owner or the Customer).

3.3 If requesting carrier accesses the Customer's inside wire as described in **Section 3.2(d)**, the time and materials charges will be billed to the requesting party (i.e., requesting carrier, its agent, the building owner or the Customer).

3.4 In no case shall requesting carrier remove or disconnect Ameritech's loop facilities from Ameritech's NIDs, enclosures, or protectors.

3.5 In no case shall requesting carrier remove or disconnect ground wires from Ameritech's NIDs, enclosures, or protectors.

3.6 Maintenance and control of premises wiring (inside wire) is the responsibility of the Customer. Any conflicts between service providers for access to the Customer's inside wire must be resolved by the Customer.

3.7 Due to the wide variety of NID enclosures and outside plant environments, Ameritech will work with requesting carrier to develop specific procedures to establish the most effective means of implementing this **Section 3.0**.

4.0 Unbundled Local Switching

4.1 Access to Unbundled Local Switching.

4.1.1 Requesting carrier shall access Ameritech's Unbundled Local Switching via Collocation or in accordance with **Article IX** of this Agreement at the Ameritech Wire Center where that element exists and each line-side and/or trunk-side port will be delivered to requesting carrier's Collocation by means of a Cross-Connection, which shall be an additional charge.

4.1.2 Ameritech shall provide requesting carrier access to its Unbundled Local Switching at each of Ameritech's Wire Centers and will provide requesting carrier all available basic local switching functions and basic capabilities the switch is capable of providing which Ameritech currently makes available to its local Customers, or for which Ameritech OSS functions are capable of provisioning pursuant to a Bona Fide Request.

4.1.3 Unbundled Local Switching also provides access to additional features and capabilities that the switch has available for activation. Requesting carrier has the capability of activating these features on a line-by-line basis via an electronic interface. The additional features available for activation on the basic Unbundled Local Switching include:

(a) vertical features;
(b) Custom Calling, Custom Local Area Signaling Service features (**"CLASS"**) features; and
(c) Centrex features.

4.1.4 Other basic and/or additional capabilities, functions and features that are not then available for activation on the switch may be requested as optional special capabilities. Ameritech will provide these special capabilities if technically feasible and upon requesting carrier's Bona Fide Request. Requesting carrier will pay the applicable recurring and nonrecurring costs of developing, installing, providing and maintaining the requested capability.

4.1.5 Unless already provided by Ameritech as a service offering, and if not, upon requesting carrier's Bona Fide Request, Ameritech will provide any technically feasible customized local routing of traffic through Unbundled Local Switching by class of call (e.g., operator, directory assistance, 9-1-1, toll, local, etc.). Ameritech will develop and provide any requested customized routing the switch is capable of providing, upon agreement by requesting carrier to pay recurring and nonrecurring costs of developing, installing, updating, providing and maintaining such custom routing.

4.1.6 Ameritech provides, on an optional basis, the ability to connect line-side ports and/or trunk-side ports within the same switch with a group of common attributes. An example, is a request for Unbundled Local Switching to provide a Centrex service with intercom calling within the system and with certain common features. The attributes available include intercom calling, group call pick-up, and Automatic Route Selection. Intercom calling is defined as the ability of the line-side ports to call one another by dialing 3-7 digits. Group call pick up is defined as allowing one line-side port to answer a call directed to another line-side port in the same call pick-up group. ARS is defined as the ability to route calls to a specific group of trunk-side ports.

4.1.7 Ameritech will switch traffic through its local switching element in accordance with Ameritech standard switching translations and screening in use in that switch. The custom routing optional feature enables requesting carrier to specify special routing, by class of call, of some or all traffic incoming into its unbundled local switch using any technically feasible routing capability of that switch. Variations in the End Office switching equipment used to provide service in specific locations may cause differences in the operation of certain features. Special routing capabilities that are not otherwise available (i.e., features that the switch is capable of providing) will be developed on an individual basis through the Bona Fide Request process and will be installed, updated, maintained and provided following requesting carrier's agreement to pay the applicable costs.

4.2 Provisioning of Unbundled Local Switching.

The following coordination procedures shall apply for conversions of **"live"** Telephone Exchange Services to unbundled Network Elements:

4.2.1 Requesting carrier shall request Unbundled Local Switching from Ameritech by delivering to Ameritech a valid electronic transmittal service order (a **"Service Order"**) using the electronic interface described on **Schedule 9.2.6**. In addition, pre-ordering functions are supported via electronic data interchange (EDI) format as utilized for Resale Services. Within forty-eight (48) hours of Ameritech's receipt of a Service Order, Ameritech shall provide requesting carrier the FOC date by which the Unbundled Local Switching ports covered by such Service Order will be installed.

Where connection of the Unbundled Local Switching port(s) to customized routing is required by requesting carrier, the specific custom routing pattern desired must already exist. In those instances where the custom routing pattern does not already exist, requesting carrier may request the development and establishment of such customer routing pattern via a Bona Fide Request. While the custom routing pattern is being developed, requesting carrier may do one of the following: (a) defer activation of the Unbundled Local Switching port until the routing pattern is established, (b) offer the Customer resale on an interim basis, or (c) convert the existing basic office routing pattern. If requesting carrier elects option (c) and later desires to convert the Unbundled Local Switching port using Ameritech's office routing pattern to a customized routing pattern, an additional Line Connection Charge will apply.

4.2.2 Ameritech agrees to coordinate with requesting carrier at least forty-eight hours prior to the due date a scheduled conversion date and time (the **"Scheduled Conversion Time"**) in the **"A.M."** (12:00 midnight to 12:00 noon) or **"P.M."** (12:00 noon to 12:00 midnight) (as applicable, the **"Conversion Window"**).

4.2.3 Not less than one (1) hour prior to the Scheduled Conversion Time, either Party may contact the other Party and unilaterally designate a new Scheduled Conversion Time (the **"New Conversion Time"**). If the New Conversion Time is within the Conversion Window, no charges shall be assessed on or waived by either Party. If, however, the New Conversion Time is outside of the Conversion Window, the Party requesting such New Conversion Time shall be subject to the following:

If Ameritech requests the New Conversion Time, the applicable Line Connection Charge shall be waived; and

If requesting carrier requests the New Conversion Time, requesting carrier shall be assessed a Line Connection Charge in addition to the Line Connection Charge that will be incurred for the New Conversion Time.

4.2.4 Except as otherwise agreed by the Parties for a specific conversion, the Parties agree that the time interval expected from disconnection of **"live"** Telephone Exchange Service to the connection of an unbundled Network Element at the requesting carrier Collocation interface point will be sixty (60) minutes or less. If a conversion interval exceeds sixty (60) minutes and such delay is caused solely by Ameritech (and not by a Delaying Event), Ameritech shall waive the applicable Line Connection Charge for such element.

If requesting carrier has ordered INP with the installation of a Loop, Ameritech will coordinate the implementation of INP with the Loop conversion during the sixty (60) minute interval at no additional coordination charge (other than the applicable standard service order and line connection charges).

Ameritech shall provide to requesting carrier equivalent functionality of blocking calls (e.g., 900, 976 and international calls) as provided to Ameritech's retail Customers.

4.2.5 When ordering a Local Switching Element, requesting carrier may order from Ameritech separate interLATA and intraLATA capabilities (i.e., 2 PICs where available) on a line or trunk basis.

4.2.6 Unless otherwise directed by requesting carrier and to the extent technically feasible, when requesting carrier orders a Network Element or Combination, all pre-assigned trunk or telephone numbers currently associated with that Network Element or Combination shall be retained without loss of feature capability.

4.3 Tandem Switching.

4.3.1 Tandem Switching creates a temporary transmission path between interoffice trunks that are interconnected at a switch for the purpose of routing a call or calls. Unbundled Tandem Switching is ordered using electronic interfaces. Trunk-side ports are ordered using the Access Service Request (**"ASR"**) which provides for electronic ordering based on industry standards adopted through OBF. ASR is the process used as of the Effective Date to order Exchange Access Services. Both pre-ordering and ordering functions and access to associated Operations Support Systems functions are supported electronically through these interfaces.

4.3.2 Ameritech will service, operate, and maintain the unbundled Tandem Switching for requesting carrier at parity with the service, operation, and maintenance Ameritech provides to itself, its subsidiaries, Affiliates and any other person. Unless requested otherwise, where applicable and technically feasible, Ameritech will provide unbundled Tandem Switching using the same specifications, interfaces, parameters, intervals, procedures and practices it uses to provide comparable Tandem Switching for all other Customers and carriers. Any feature or function existing in the Tandem Switch will be provided to requesting carrier on a non-discriminatory basis. Congestion control and overflow routing will be provided on a non-discriminatory basis.

4.3.3 Tandem Switching performance will be measured to ensure parity with all other Telecommunications Carriers that are interconnected with Ameritech. Performance will be measured on switching, call recording, and network management controls.

4.3.4 Switch downtime will be measured through FCC reportable incidents report. CPI Index will be measured calls blocked and customer out of service incidents.

4.3.5 Electronic Billing Accuracy Centers (EBAC) measures billing errors from the CABS error hold file report. Ameritech employs RAVE/A&T which enables on-line investigation of AMA volumes and will alert EBAC to possible AMA recording failures.

4.3.6 Congestion Control and overflow criteria are set by the use of NTMOS Surveillance system which polls EDAS and NMA data on call volumes and make busy standards. Ameritech sets automatic thresholds with preplan routing and overflow selection. The system is also monitored via a manual surveillance system early recognition of performance problems.

5.0 Interoffice Transmission Facilities.

Ameritech shall:

5.1 Provide requesting carrier exclusive use of Interoffice Transmission Facilities dedicated to requesting carrier, or use of the features, functions, and capabilities of Interoffice Transmission Facilities shared by more than one Customer or carrier, including requesting carrier;

5.2 Provide all technically feasible transmission facilities, features, functions, and capabilities that requesting carrier could use to provide Telecommunications Services;

5.3 Permit, to the extent technically feasible, requesting carrier to connect such interoffice facilities to equipment designated by requesting carrier, including requesting carrier's Collocated facilities; and

5.4 Permit, to the extent technically feasible, requesting carrier to obtain the functionality provided by Ameritech's digital cross-connect systems separate from dedicated transport.

6.0 Signaling Networks and Call-Related Databases

6.1 Signaling Networks.

6.1.1 If requesting carrier purchases Switching Capability from Ameritech, Ameritech shall provide access to its signaling network from that switch in the same manner in which Ameritech obtains access to such switch itself. In addition, Ameritech shall provide requesting carrier access to Ameritech's signaling network for each of requesting carrier's switches when requesting carrier uses its own switching facilities. This connection shall be made in the same manner as Ameritech connects one of its own switches to an STP. Notwithstanding the foregoing, Ameritech shall not be required to unbundle those signaling links that connect Service Control Points to STPs or to permit requesting carrier to link its own STPs directly to Ameritech's switch or call-related databases.

6.1.2 If requesting carrier has its own switching facilities, Ameritech shall provide requesting carrier access to STPs to each of requesting carrier's switches, in the same manner in which Ameritech connects one of its own switches to an STP, or in any other technically feasible manner (e.g., bringing an **"A"** link from requesting carrier's switch to Ameritech's STP, or linking requesting carrier's switch to its own STP and then connecting that STP to Ameritech's STP via a **"B"** or **"D"** link); provided that Ameritech shall not be required to (i) unbundle the signaling link connecting SCPs to STPs, (ii) permit direct linkage of requesting carrier's own STPs to Ameritech's switch or call-related databases or (iii) unbundle an SCP from its associated STP.

6.1.3 The Parties shall agree upon appropriate mediation facilities and arrangements for the Interconnection of their signaling networks and facilities, as necessary to adequately safeguard against intentional and unintentional misuse of the signaling networks and facilities of each Party. Such arrangements shall provide at a minimum:

? Certification that requesting carrier's switch is compatible with Ameritech's SS7 network;

? Certification that reqeusting carrier's switch is compatible with Ameritech's AIN SCP;

? Certification that requesting carrier's switch is compatible with a desired AIN application residing on Ameritech's SCP;

? Agreement on procedures for handling maintenance and troubleshooting related to AIN services;

? Usage of forecasts provided by requesting carrier, so that Ameritech can provide sufficient SS7 resources for requesting carrier and all other requesting carriers;

? Mechanisms to control signaling traffic at agreed-upon levels, so that Ameritech's SS7 resources can be fairly shared by all requesting carriers;

? Mechanisms to restrict signaling traffic during testing and certification, as necessary to minimize risks to the service quality experienced by Customers served by Ameritech's network and those of other carriers while compatibility and interconnection items are verified; and

? Mechanisms to ensure protection of the confidentiality of Proprietary Information of both carriers and Customers.

6.2 Call-Related Databases.

6.2.1 For purposes of switch query and database response through a signaling network, Ameritech shall provide requesting carrier access to its call-related databases, including the Line Information Database, Toll Free Calling database, downstream number portability databases, and Advanced Intelligent Network databases by means of physical access at the STP linked to the unbundled database.

6.2.2 If requesting carrier purchases Unbundled Local Switching, requesting carrier may, upon request, use Ameritech's SCP in the same manner, and via the same signaling links, as Ameritech. If requesting carrier has deployed its own switch, and has linked that switch to Ameritech's signaling system, requesting carrier shall be given access to Ameritech's SCP in a manner that allows requesting carrier to provide any call- related, database-supported services to Customers served by requesting carrier's switch. If the Implementation Team is unable to agree in the Implementation Plan to appropriate mediation mechanisms with respect to access to the AIN SCPs, the Parties shall adopt the mechanisms adopted by the Commission. Ameritech shall provide requesting carrier access to call-related databases in a manner that complies with the CPNI requirements of Section 222 of the Act.

6.2.3 The Parties shall agree upon appropriate mediation facilities arrangements for the Interconnection of their signaling networks, databases, and associated facilities, as necessary to adequately safeguard against intentional and unintentional misuse of the signaling networks and facilities of each Party. Such arrangements shall provide for at a minimum:

? Capabilities to protect each Party's information;

? Agreements on handling maintenance and troubleshooting related to AIN services;

? Usage forecasts provided by requesting carrier so that Ameritech can provide sufficient resources for other requesting carriers, and capabilities to ensure that the Parties abide by such forecasts;

? Procedures to ensure, prior to deployment, that each service will properly operate within Ameritech's network;

? Procedures to verify proper deployment of each service in the network; and

? Mechanisms to ensure protection of the confidentiality of proprietary information of both carriers and customers.

6.3 Service Management Systems.

6.3.1 Ameritech shall provide requesting carrier with the information necessary to enter correctly, or format for entry, the information relevant for input into Ameritech's Service Management System (**"SMS"**). In addition, Ameritech shall provide requesting carrier equivalent access to design, create, test, and deploy Advanced Intelligent Network.

6.3.2 Access will provided in an equivalent manner to that which Ameritech currently uses to provide such access to itself (e.g., submitting magnetic tapes if requesting carrier inputs magnetic tapes, or through an electronic interface equivalent to that used by requesting carrier). The Implementation Team shall set forth in the Implementation Plan the terms and conditions relating to such access. If the Implementation Team is unable to agree to appropriate mediation mechanisms with respect to access to the AIN SMSs and SCEs, the Parties shall adopt the mechanisms adopted by the Commission.

6.3.3 Ameritech shall provide access to its SMS in a manner that complies with the CPNI requirements of Section 222 of the Act.

7.0 Operations Support Systems Functions

7.1 Ameritech shall provide requesting carrier access to Operations Support Systems functions on or before the dates set forth on the Implementation Schedule.

7.2 Ameritech shall also provide requesting carrier access to the functionality of any internal gateway systems Ameritech employs in performing the above-listed OSS functions for its own Customers. A "gateway system" means any electronic interface Ameritech has created for its own use in accessing support systems for providing any of the above-listed OSS functions.

8.0 Operator Services and Directory Services.

8.1 Ameritech shall provide requesting carrier access to Ameritech's Operator Service and Directory Assistance facilities where technically feasible.

8.2 Ameritech shall provide unbundled Operator Services (**"OS"**) and Directory Assistance (**"DA"**) to requesting carrier in conjunction with Telephone Exchange Service provided to requesting carreir as a purchaser of Resale Services and as an Unbundled Local Switching Network Element or directly as a separate Network Element. A list identifying the NPA/Exchange areas of Ameritech Directory Assistance, and dependent Information Call Completion services will be provided to reqeusting carrier and will be updated as such DA services are provided in additional NPA/Exchange Areas.

8.3 Requesting Carrier will obtain any required custom routing and obtain or provide the necessary direct trunking and termination facilities to the mutually agreed upon meet point with Ameritech facilities for access to unbundled OS and DA services. Requesting carrier is responsible for delivering its OS and DA traffic to Ameritech's operator service switch. Specifically, requesting carrier shall deliver its traffic direct from the End Office to the operator service switch location, and there can be no Tandem Switching for OS. The operator service location to which requesting carrier will deliver its OS or DA traffic will be determined by Ameritech based on the existing capacity of its service centers. Ameritech will, if technically feasible, enable requesting carrier to deliver its OS or DA traffic to the operator service switch most closely located to the requesting carrier's NPA/exchange originating the call.

8.4 Ameritech will provide and maintain the equipment at its OS and DA centers necessary to perform the services under this Agreement, with the goal of ensuring that the OS and DA service meets current industry standards.

8.5 Ameritech will provide OS and DA in accordance with its then current internal operating procedures and/or standards.

8.6 Ameritech will maintain a quality of service that will satisfy the standards, if any, established by the Commission having jurisdiction over the provision of such service. Requesting Carrier has the right, once annually, to visit each Ameritech owned or subcontracted office upon reasonable notice to Ameritech or with greater frequency by mutual consent of the Parties. Upon request, Ameritech will provide monthly system results regarding speed of answer, average work time and, for DA only, abandon from queue measurements.

8.7 Requesting carrier is solely responsible for providing all equipment and facilities to deliver OS and DA traffic to the point of Interconnection with Ameritech facilities.

8.8 Requesting Carrier will provide and maintain the equipment at its offices necessary to permit Ameritech to perform its services in accordance with the equipment operations and traffic operations which are in effect in Ameritech's DA and OS offices. Requesting carrier will locate, construct, and maintain its facilities to afford reasonable protection against hazard and interference.

8.9 Upon request and to the extent technically feasible, Ameritech will unbundle OS and DA from resellers of its Telephone Exchange Service, and for requesting carrier, so reqeusting carrier can provide its own OS or DA service or obtain it from a third party. Also, upon request, Ameritech will provide unbundled OS and/or DA as a stand alone unbundled Network Element to requesting carrier. In either case, requesting carrier is required to obtain any required custom routing and to arrange for or provide other facilities, services and Network Elements necessary to deliver its OS and DA traffic to Ameritech's designated office, or to the office of another provider, as applicable.

8.10 Upon request, and as technically feasible, Ameritech will provide through an electronic interface, unbundled access to its databases used to provide DA and OS for purpose of enabling requesting carrier to provide its own OS or DA service, or as otherwise authorized by the FCC or the Commission. Such unbundled access to DA and OS databases is provided as is technically feasible based upon the facilities, equipment and software involved, and upon agreement by requesting carrier to pay to Ameritech its costs of developing, installing, providing and maintaining such Network Element.

8.11 Specifically, upon request, Ameritech will provide through an electronic interface, unbundled access to its DA database to permit requesting carrier to have its local exchange directory assistance listings in the areas incorporated into the database, and/or to read the DA listing (with the exception of nonpublished listing) in that database for the purpose of providing its own DA service. Such unbundled access will be provided in a technically feasible manner based upon the facilities, equipment and software involved, and upon agreement by requesting carrier to pay to Ameritech its costs of developing, installing, providing and maintaining such network element.

8.12 Access of resellers and requesting carrier to DA and OS of Ameritech, and the DA and OS Network Elements provided hereunder, whether provided on a bundled or unbundled basis, will, as applicable and as feasible, be provided through the standard interfaces, parameters, intervals, service descriptions, protocols, procedures, practices and methods that Ameritech uses for other customers of its DA and OS services. Upon request, Ameritech will, as technically feasible, provide a different quality of service, upon agreement by requesting carrier to pay to Ameritech its costs of developing, installing, maintaining and repairing access to and provision of the Network Element at such quality of service.

8.13 Requesting Carrier will furnish to Ameritech all information necessary for provision of OS and DA. This information, to the extent it is identified as such, shall be treated as Proprietary Information. For OS this information includes emergency agency phone numbers, rate information (such as mileage bands and operator surcharge information), and originating screening information. Requesting carrier will furnish to Ameritech all information necessary for the provision of OS and DA.

8.13.1 To the extent that requesting carrier does not mirror Ameritech's operator surcharge rates, then Ameritech will, if technically feasible, enter requesting carrier's surcharge rates into Ameritech's rate tables, and will charge requesting carrier for changing those tables at the rates then charged by Ameritech for such service.

8.13.2 For DA services, requesting carrier will furnish Ameritech ninety (90) days (or such earlier time as the Parties may agree upon) before DA service is initiated details necessary to provide that service. This information includes listing information for the areas to be served by Ameritech and network information necessary to provide for the direct trunking of the DA calls.

8.13.3 Requesting carrier will keep these records current and will inform Ameritech, in writing, at least thirty (30) days prior to any changes in the format to be made in such records. Requesting carrier will inform Ameritech of other changes in the records on a mutually agreed-upon schedule.

8.14 Upon request, and as technically feasible, Ameritech will re-brand such OS and DA services based upon requesting carrier's obtaining or providing any required facilities, services, Network Elements and custom routing, and their agreement to pay rates that compensate Ameritech for any costs it incurs in developing, installing, providing and maintaining such rebranded service. For branding of calls, requesting carrier must provide two (2) cassette tapes of an announcement, no longer than three (3) seconds, for installation on each OS and DA switch serving requesting carrier's Customers.

8.15 Branding: Re-branding is available as follows:

(a) Mechanized front-end branding is available for all manual and automated OS calls.

(b) Mechanized back-end branding is available for automated calling card calls handled via ACCS.

(c) On mechanized collect and billed-to-third calls, back-end branding is not currently available.

(1) Such calls can be manually handled and branded.

(2) If Customer desires mechanized branding, the feature can be installed if requesting carrier pays for feature purchase and installation.

Normally, OS and DA services, both bundled and unbundled, will be branded with Ameritech's name as the provider of the service. Upon request from requesting carrier, and as technically feasible, Ameritech will re-brand OS and DA traffic from requesting carrier's telephone exchange lines, or to requesting carrier's unbundled OS or DA network element. Re-Network Element. Re-branded service requires that requesting carrier arrange to have the subject OS or DA traffic delivered to Ameritech's Central Office on separate trunks, which may require that it obtain custom routing, and obtain or provide such trunks and other applicable.

Re-branding is provided at rates that recover Ameritech's costs of developing, installing, providing and maintaining such service.

8.16 Requesting carrier grants to Ameritech during the term of this Agreement a non-exclusive license to use the DA listings provided pursuant to this Agreement. DA listings provided to Ameritech by

requesting carrier under this Agreement will be maintained by Ameritech only for providing DA information, and will not be disclosed to third parties. This section does not prohibit Ameritech and requesting carrier from entering into a separate agreement which would allow Ameritech to provide or sell requesting carrier's DA listing information to third parties, but such provision or sale would only occur under the terms and conditions of the separate agreement.

8.17 Ameritech will supply Requesting carrier with call detail information so that requesting carrier can rate and bill the call. This information excludes rating and invoicing of Customers, unless negotiated on an individual case basis.

SCHEDULE 9.10

NETWORK ELEMENT PERFORMANCE BENCHMARKS

A. Non-DS1 Loops-Standard Intervals

Volume*	Interval
1-24	5 Business Days
25-48	6 Business Days
49-96	7 Business Days
97+	Negotiated

*Number of Loops Per Order Per Day

B. DS1 Unbundled Local Transport

1. Facilities Available — 7 Business Days

   Facilities or Force not Available — Negotiated Interval

C. DS3-Unbundled Local Transport — Negotiated Interval

D. OC-N-Unbundled Local Transport — Negotiated Interval

SCHEDULE 10.1
RESALE SERVICES

The Resale Services provided by Ameritech hereunder and the rates, charges, and prices for such Resale Services are set forth in ILL. C.C., No. 19, Part 22 and ILL. C.C., No 20, Part 22.

SCHEDULE 10.9.2

RESALE PERFORMANCE ACTIVITIES

A. Installation

1. Installation Intervals

a. POTS

(1) Percentage Installed on Time

(2) Installation Interval More Than Six (6) Business Days

b. HICAP: Percentage of Missed Appointments

SUBRATE: Percentage of Missed Appointments

2. New Service Failures

a. POTS: Percentage of New Service Failures During First Seven (7) Business Days from Installation Date

b. HICAP: Percentage of New Service Failures During First Thirty (30) Business Days from Installation Date

c. SUBRATE: Percentage of New Service Failures During First Thirty (30) Business Days from Installation Date

B. Repair

1. Time to Repair

a. POTS: Percentage of Repairs Not Completed within twenty-four (24) hours

b. HICAP: Percentage of Repairs Not Completed within two (2) hours

c. SUBRATE: Percentage of Repairs Not Completed within three and one-half (3?) hours

2. Percentage of Initial Trouble Reports

3. Percentage of Code 4 Troubles

C. Time to Provide Firm Order Commitment

1. Switched Services: Percentage of Firm Order Commitments Provided in four (4) Business Days of Date of Order

2. HICAP Services: Percentage of Firm Order Commitments Provided within one (1) Business Day Time of Order

D. Speed of Answer

1. Service Center: Percentage of Calls to Service Center made during normal business hours that are answered within ten (10) seconds

2. Repair Center: Percentage of Calls to Repair Center that are answered within twenty (20) seconds

3. Operator Services: Toll Assistance Speed of answer (seconds)

4. Operator Services: Directory Assistance Speed of answer (seconds)

SCHEDULE 10.9.6

CREDIT ALLOWANCES
ILLINOIS

1.0 General.

When a service provided by either Party (the **"Providing Party"**) to the other Party (the **"Purchasing Party"**) is interrupted and such interruption exceeds the qualification period applicable to such service as set forth in this **Schedule 10.9.6**, the Providing Party shall, at the Purchasing Party's request, provide the Purchasing Party a credit allowance for the interrupted service (the **"Credit Allowance"**) as calculated in this **Schedule 10.9.6**. A service shall be considered interrupted when the service is rendered useless and inoperative. For purposes of calculating Credit Allowances, an interruption shall be deemed to begin at the time that such interruption is reported to or detected by Ameritech, whichever occurs first, and shall end at the time such service is repaired, as evidenced by Ameritech's records.

Notwithstanding the foregoing, a Credit Allowance shall not be given for interruptions caused by (i) the negligence or willful act of the Purchasing Party or its Customers, (ii) Customer-provided facilities, or (ii) electric power failure where the Customer furnishes such electronic power failure where the Customer furnishes such electronic power.

The Credit Allowance shall be based upon the ratio of the (i) duration of the interruption measured from the time such interruption begins and expressed in multiples of the allowance increment applicable to such service as set forth in this **Schedule 10.9.6** to (ii) total number of such allowance increments in a thirty (30) day month (the **"Allowance Ratio"**). The Credit Allowance shall equal the Allowance Ratio times the monthly charge to the Purchasing Party for such affected service.

2.0 Qualification periods.

	Service	Qualification Period	Allowance Increment
A.	All services except those listed below	12 hours	24 hours
B.	Telecommunications Channel Service		
(1)	Series 1000 and Series 3000		
	intraexchange	24 hours	24 hours
	interexchange	1/2 hour	1/2 hour

(2)	Series 2000		
	a. All Series 2000 Channels except type 202	24 hour	24 hours
	b. Type 2002 Channels		
	intraexchange	24 hours	24 hours
	interexchange	1/2 hour	1/2 hour
(3)	Series 7000		
	Type 7003	2 hours	1 hour

C. WATS

D. Foreign Exchange, Foreign Central Office and Foreign District Service 24 hours 24 hours

E. Direct Digital Service, direct High Capacity Service except for individual channelizing (plug-ins) and NOVALINK Fiber Optic Service.

(1) Interruptions (as defined in applicable tariffs) of 24 Hours of Less

Length of Interruption	Credit
Less than 30 minutes	None
30 minutes and up to, but not including, 3 hours	1/10 day
3 hours and up to, but not including, 6 hours	1/5 day
6 hours and up to, but not including, 9 hours	2/5 day
9 hours and up to, but not including, 12 hours	3/5 day
12 hours and up to, but not including, 15 hours	4/5 day
15 hours and up to 24 hours inclusive	One day

Two or more interruptions of 30 minutes or more during any period up to, but not including 3 hours, shall be considered as one interruption.

(2) Interruptions (as defined in applicable tariffs) of Over 24 Hours

Credit will be allowed in 1/5 day multiples for each 3 hour period of interruption or fraction thereof. No more than one full day's credit will be allowed for any period of 24 hours.

SCHEDULE 10.11.1

FORM OF REPRESENTATION OF AUTHORIZATION

Requesting carrier/Ameritech hereby represents to Ameritech/Requesting carrier, for purposes of obtaining a Customer's Customer Proprietary Network Information (**"CPNI"**) or for placing an order to change or establish a Customer's service, that it is a duly certificated LEC and that it is authorized to obtain CPNI and to place orders for Telephone Exchange Service (including Resale Service) upon the terms and conditions contained herein.

1. With respect to requests for CPNI regarding prospective Customers of Requesting Carrier/Ameritech, Requesting Carrier/Ameritech acknowledges that it must obtain written or electronic authorization in the form of a signed letter, tape-recorded conversation, password verification or by other means, in each case as approved by the FCC or the Commission (**"Documentation of Authorization"**) that explicitly authorizes Requesting Carrier/Ameritech to have access to the prospective Customer's CPNI. The Documentation of Authorization must be made by the prospective Customer or the prospective Customer's authorized representative. In order to obtain the CPNI of the prospective Customer, Requesting carrier/Ameritech must submit to Ameritech/Requesting carrier the Documentation of Authorization. If Requesting carrier/Ameritech cannot provide applicable Documentation of Authorization, then Ameritech/Requesting carrier shall not provide CPNI to Requesting carrier/Ameritech.

2. If Requesting carrier/Ameritech has already obtained Documentation of Authorization for the Customer to place an order for Telephone Exchange Service for the Customer, Requesting carrier/Ameritech need not submit Documentation of Authorization to obtain the Customer's CPNI.

3. With respect to placing a service order for Telephone Exchange Service (including Resale Services) for a Customer, Requesting carrier/Ameritech acknowledges that it must obtain Documentation of Authorization which explicitly authorizes Requesting carrier/Ameritech to provide Telephone Exchange Service to such Customer. The Documentation of Authorization must be made by the prospective Customer or Customer's authorized representative. Requesting carrier/Ameritech need not submit the Documentation of Authorization to process a service order. However, Requesting carrier/Ameritech hereby represents that it will not submit a service order to Ameritech/Requesting carrier unless it has obtained appropriate Documentation of Authorization from the prospective Customer and has such Documentation of Authorization in its possession.

4. The Documentation of Authorization must clearly and accurately identify Requesting carrier/Ameritech and the prospective Customer.

5. Requesting carrier/Ameritech shall retain all Documentation of Authorization in its files for as long as Requesting carrier/Ameritech provides Telephone Exchange Service to the Customer, or for as long as Requesting carrier/Ameritech makes requests for information on behalf of the Customer.

6. Requesting carrier/Ameritech shall make Documentation of Authorization available for inspection by Ameritech/Requesting carrier during normal business hours. In addition, Requesting carrier/Ameritech shall provide Documentation of Authorization for Customers or prospective Customers to Ameritech/Requesting carrier upon request.

7. Requesting carrier/Ameritech is responsible for, and shall hold Ameritech/Requesting carrier harmless from, any and all Losses (as defined in that certain Interconnection Agreement under Sections 251 and 252 of the Telecommunications Act of 1996 dated as of April ____, 1997 by and between Ameritech Information Industry Services, a division of Ameritech Services, Inc. on behalf of and as agent for Ameritech Illinois and Requesting carrier. (the **"Interconnection Agreement"**)) resulting from Ameritech's/Requesting carrier's reliance upon Ameritech's/Requesting carrier's representations as to its authority to act on behalf of a Customer or prospective Customer in obtaining CPNI or placing a service order for Telephone Exchange Service.

8. If Requesting carrier/Ameritech fails to repeatedly and materially abide by the procedures set forth herein, Ameritech/Requesting carrier reserves the right to insist upon the submission of Documentation of Authorization for each Customer in connection with a request for a service order.

9. This Representation of Authorization shall commence on the date noted below and shall continue in effect until the termination or expiration of the Interconnection Agreement.

Dated this _____ day of _____ 2000.

Requesting carrier./Ameritech Information Industry Services, a division of Ameritech Services, Inc. on behalf of and as agent for Ameritech Illinois.

By: _____	By: _____
Title:	Title:
Printed Name:	Printed Name:

SCHEDULE 10.12.6

LAW ENFORCEMENT INTERFACES

1.0 Introduction.

Consistent with Applicable Law, it is necessary for Requesting carrier and Ameritech to provide interface requirements to allow requesting carrier to use a standard set of procedures for meeting the requirements of applicable law enforcement agencies (**"Law Enforcement Process"**). The Law Enforcement Process will enable requesting carrier to provide identical services to its Customers. These services include Annoyance Call Bureau, wire intercept, wire trap, wire trace, fraud control, physical security and subpoena management.

2.0 Law Enforcement.

Definition - The Law Enforcement Process assures that requesting carrier (as a reseller of Resale Services) is in total compliance with law enforcement requirements related to providing local Services to its Customers. Ameritech (switch owner or access provider) agrees to support law enforcement requirements as provided by the CALEA.

3.0 Annoyance Call Bureau.

3.1. Definition - Ameritech Annoyance Call Bureau (AACB) conducts investigations to help determine who the unwanted callers are after victims receive annoying calls and files an official complaint with the local law enforcement agency. Annoying calls are: threatening, harassing, obscene, prank, hang-ups, unwanted sales pitches, and survey calls. The information obtained will only be released to the local law enforcement agency.

3.2. When requesting carrier must initiate a wire trap or trace as a result of its customer receiving an annoying call (e.g., threatening, harassing, obscene, prank, hang-ups, unwanted sales pitches, and survey calls), the following operational interfaces should occur:

3.2.1. Requesting carrier (the reseller) shall inform its Customer that they must file a formal complaint with the local police department and obtain agency's name, officer's name and case or report number.

3.2.2. Requesting carrier shall contact Ameritech Annoyance Call Bureau on behalf of its Customer and provide the required information to initiate trap or call trace.

3.2.3. The AACB shall conduct investigations to determine who the unwanted caller is; work with local police departments to gather evidence; and even testify in court on behalf of

Requesting carrier Customers who have received annoying calls. AACB will build case for and establish trap for twenty-one (21) days. Requesting carrier shall contact the AACB to renew the trap beyond twenty-one (21) days.

3.2.4. The AACB shall provide to requesting carrier a toll free number which will be accessible daily Monday through Friday from 8:00 a.m. - 5:00 p.m.

3.2.5. For non-emergency (not life threatening) situations, requesting carrier shall advise its Customer to contact its local Law Enforcement Agency and to provide requesting carrier with required information to initiate a trap or call trace. Requesting carrier will contact AACB during standard operating hours to establish a case. For emergency (life threatening) situations, Requesting carrier shall inform its Customer to contact its local Law Enforcement Agency and this Agency will contact Ameritech to initiate a trap or call trace.

3.2.6. Additionally, for emergency situations, Ameritech corporate security will provide requesting carrier representatives with an emergency security contact number.

3.2.7. Requesting carrier's Customer must contact requesting carrier with the dates and times of the unwanted calls. Requesting carrier shall fax the dates and times of the unwanted calls to the Annoyance Call Bureau.

3.2.8. At the end of the tracing investigation (twenty-one (21)-day period), Ameritech Annoyance Call Bureau shall send written confirmation to requesting carrier informing requesting carrier of the disposition of the case (i.e., successful or non-successful). All evidence obtained on a successful case will be forwarded to the local law enforcement agency that requesting carrier provided to the AACB. Requesting carrier shall inform its Customer of the results of the investigation.

3.2.9. If requesting carrier Customers call Ameritech to initiate an annoying call report, Ameritech shall advise the person receiving the annoying or harassing to call requesting carrier.

4.0 Wire Intercept.

4.1. Definition - Requests from law enforcement agencies to conduct a form of electronic or mechanical eavesdropping where, upon court order, law enforcement officials surreptitiously monitor phone calls (e.g., conversations or data) of requesting carrier Customers.

4.2. Operational Interface Requirements - The Law Enforcement Agency (e.g., local police department or government organization) shall serve Ameritech with a court order, authorizing Ameritech to conduct a wire intercept on the requesting carrier Customer line.

5.0 Pen Register (Dial Number Recorder).

5.1. Definition - Requests from law enforcement agencies to conduct a "form" of identifying calls dialed by requesting carrier Customers in local Exchange Areas. A pen register is a mechanical device that records the numbers dialed or pulsed on a telephone by monitoring the electrical impulses caused when the dial on the telephone is released. A pen register does not overhear oral communications and does not indicate whether calls are actually completed; thus, there is no recording or monitoring of the conversations.

5.2. Operational Interface Requirements - See Wire Intercept Section 4.1.

6.0 Trace.

6.1. Definition - A form of electronic identification of calling numbers, where, upon consent from the requesting carrier Customer (via requesting carrier) or court order, law enforcement officials request a record of calling numbers to the premises of the requesting carrier Customer.

6.2. Central Office Features - Call Trace is an advanced custom calling feature which provides requesting carrier direct line Customers the ability to activate the feature by dialing a designated code. This will automatically trace the telephone number of the line used for the last call received by the Customer. The traced number will not be provided to the Customer, but will be provided to law enforcement officials.

7.0 Subpoena Management.

7.1. Definition - The law enforcement process initiated to compel the production of certain specific documents (e.g., Customer information, name, address, service type, call usage records, etc.) relevant to a legal proceeding, are made and make them readily retrievable by local police departments, government organizations, and attorneys. Other legal demands require the capability to honor other legal process demands (e.g., establishment of dialed number recorders, wire intercepts, & trace services, etc.).

7.2. Operational Interface Requirements - The law enforcement agency (e.g., local police department, government organization, or attorney) shall serve Ameritech an original subpoena naming Ameritech in its court document for requests for Customer information (see above definition). Ameritech shall forward call trace information to the law enforcement agency for inquiries regarding requesting carrier Customers. If the law enforcement agency serves requesting carrier the original subpoena, requesting carrier shall forward a copy of the original subpoena to Ameritech and advise the law enforcement agency to re-send an original subpoena naming Ameritech in its court document. Ameritech shall notify requesting carrier of the resolution of the investigation. However, Ameritech shall only provide the results of the investigation to the proper law enforcement agency.

7.3. Operations Interface Requirements for calls originating from a long distance carrier, computer, fax machine, pay phones, and telemarketing calls to requesting carrier's Customers are pending further discussions with Ameritech.

SCHEDULE 10.13

RESALE MAINTENANCE PROCEDURES

By the end of Contract Month 1, the Implementation Team shall agree upon the processes to be used by the Parties for maintenance of Resale Services. These processes will address the implementation of the requirements of this **Schedule 10.13**.

1. Ameritech shall provide repair, maintenance, and testing, for all Resale Services in accordance with the terms and conditions of this **Schedule 10.13**.

2. Ameritech technicians shall provide repair service that is at least equal in quality to that provided to Ameritech Customers; trouble calls from requesting carrier Customers shall receive response time priority that is at parity to that of Ameritech Customers and shall be based on trouble severity, regardless of whether the Customer is a requesting carrier Customer or an Ameritech Customer.

3. Ameritech shall provide requesting carrier with the same scheduled and non-scheduled maintenance, including required and recommended maintenance intervals and procedures, for all Resale Services provided to requesting carrier under this Schedule that it currently provides for the maintenance of its own network. Ameritech shall provide requesting carrier notice of any scheduled maintenance activity which may impact requesting carrier's Customers on the same basis it provides such notice to its subsidiaries, Affiliates, other resellers and its retail Customers. Scheduled maintenance shall include such activities as switch software retrofits, power tests, major equipment replacements, and cable rolls.

4. Ameritech shall provide notice of non-scheduled maintenance activity that may impact requesting carrier Customers. Ameritech shall provide maintenance as promptly as possible to maintain or restore service and shall advise requesting carrier promptly of any such actions it takes.

5. If service is provided to requesting carrier Customers before an electronic interface (**"EI"**) is established between requesting carrier and Ameritech, requesting carrier will transmit repair calls to Ameritech repair bureau by telephone.

6. Ameritech repair bureau, including the EI to be established pursuant to the Implementation Plan, shall be on-line and operational twenty-four (24) hours per day, seven (7) days per week except when preventative maintenance and software revisions require an out-of-service condition. Ameritech will provide requesting carrier a twenty-four (24) hour advanced notification of such out-of-service conditions.

7. Ameritech shall provide progress reports and status-of-repair efforts to requesting carrier upon request, and at a frequency interval to be determined by requesting carrier. Ameritech shall inform requesting carrier of restoration of Resale Service after an outage has occurred.

8. Maintenance charges for premises visits by Ameritech technicians shall be billed by requesting carrier to its Customer, and not by Ameritech. The Ameritech technician shall, however, present the Customer with unbranded form detailing the time spent, the materials used, and an indication that the trouble has either been resolved or that additional work will be necessary, in which case the Ameritech technician shall make an additional appointment with the Customer. The Ameritech technician shall obtain the Customer's signature when available upon said form, and then use the signed form to input maintenance charges into Ameritech's repair and maintenance database.

9. Dispatching of Ameritech technicians to requesting carrier Customer premises shall be accomplished by Ameritech pursuant to a request received from requesting carrier. The EI established between the Parties shall have the capability of allowing requesting carrier to receive trouble reports, analyze and sectionalize the trouble, determine whether it is necessary to dispatch a service technician to the Customer's premises, and verify any actual work completed on the Customer's premises.

10. Upon receiving a referred trouble from requesting carrier, the Ameritech technician will offer a dispatch appointment and quoted repair time dependent upon Ameritech's force-to-load condition. Ameritech's maintenance administrators will override this standard procedure on a non-discriminatory basis, using the same criteria as Ameritech uses to expedite intervals for itself and its subsidiaries, Affiliates and retail Customers. If Ameritech will be unable to meet a requesting carrier expedited request, Ameritech will notify requesting carrier and requesting carrier will have the option to implement the escalation process described in the Implementation Plan.

11. Disaster Recovery

The Implementation Plan will establish a process for disaster recovery that addresses the following:

(a) Events affecting Ameritech's network, work centers and Operational Support Systems functions;

(b) Establishing and maintaining a single point of contact responsible for disaster recovery activation, statusing and problem resolution during the course of a disaster and restoration;

(c) Procedures for notifying requesting carrier of problems, initiating restoration plans and advising requesting carrier of the status of resolution;

(d) Definition of a disaster; and

(e) Equal priority, as between requesting carrier Customers and Ameritech Customers, for restoration efforts, consistent with FCC Service Restoration guidelines, including deployment of repair personnel, and access to spare parts and components.

SCHEDULE 10.13.2

SERVICE ORDERING AND PROVISIONING INTERFACE FUNCTIONALITY

Electronic interfaces will provide requesting carrier with the ability to:

a) Obtain, during sales discussions with a Customer, access to the following Ameritech Customer service record data in a manner which is transparent to the Customer:

- ? Billing telephone number/name/address
- ? Service Location Address
- ? Working telephone number(s) on the account
- ? Existing service and features
- ? Blocking
- ? CLASS Features
- ? Telephone Assistance Programs, Telephone Relay Service and similar services indicator
- ? Special Exemption Status indicator
- ? Directory Listing Information
- ? Information necessary to identify the IntraLATA toll provider and InterLATA provider, as applicable.

b) Obtain information on all features and services available;

c) Enter the requesting carrier Customer order for all desired features and services;

d) Assign a telephone number (if the requesting carrier Customer does not have one assigned);

e) Establish the appropriate directory listing;

f) Determine if a service call is needed to install the line or service;

g) Schedule dispatch and installation, if applicable;

h) Provide installation dates to Customer;

i) Order local intraLATA toll service and enter requesting carrier Customer's choice of primary interexchange carrier on a single, unified order; and

j) Suspend, terminate or restore service to a requesting carrier Customer.

Ameritech will support four (4) transaction types: Assume; Change; New; and Delete, as described in Ameritech's Electronic Service Guide, which is based on TCIF Customer Service, Issue 5. Notwithstanding the foregoing, requesting carrier shall be entitled to place orders to transfer a Customer to requesting carrier without identifying the specific features and services being subscribed by such Customer at the time of the request (**"Migration-As-Is"**). Furthermore, if a Customer requests changes to its features and/or such service at the time of transfer, as part of a request for Migration-As-Is, requesting carrier need only specify the features and/or services which are to change. However, unless agreed to by Ameritech, Migration-As-Is will not include any service subscribed which is not a Telecommunications Service.

Critical or expedited orders:

Requesting carrier may request that the standard interval for provisioning will be expedited if Ameritech's standard intervals do not meet the requesting carrier Customer's requested due date. Orders will be expedited by Ameritech on the same basis as it expedites orders for itself and its subsidiaries, Affiliates and retail Customers. If Ameritech will be unable to meet a requesting carrier expedite request, Ameritech will notify requesting carrier and requesting carrier shall have the option to implement the escalation process to be defined in the Implementation Plan.

SCHEDULE 12.9.1

PHYSICAL COLLOCATION SPACE RESERVATION

Space for Physical Collocation may be reserved on the following basis:

1. Requesting carrier may reserve additional space in an Ameritech Central Office in which it has (or is ordering) for Physical Collocation for permitted telecommunications-related equipment.

2. A reservation may be maintained only by the payment of a non-recurring charge to defray the administrative costs of the reservation system (**"Reservation Charge"**).

3. The reservation can be made for an amount of space no greater than the amount of active Physical Collocation space being utilized (or ordered) for Interconnection with and/or access to the Network Elements of Ameritech by requesting carrier in the particular Central Office.

4. The reservation takes a priority based on the time at which it is made.

5. In the case of an order for Physical Collocation in an office in which all the unoccupied space is covered by reservations, all reservations will be prioritized. The holder(s) of the lowest priority reservation(s) which, when considering all higher priority reservations, still represent(s) available space sufficient to fill the order for Physical Collocation (**"Option Party"**) will be given the option of "enforcing" or relinquishing its (their) reservation(s).

In this case, an Option Party may enforce its reservation by payment of the recurring Physical Collocation floor space charge otherwise applicable to the reservation space (in lieu of the non-recurring Reservation Charge). The reservation will be maintained until the Physical Collocation arrangement in that office is terminated or the reservation is terminated, whichever comes first. If an Option Party decides to enforce its reservation in this manner, the holder(s) of the reservation(s) with the next higher priority will be given the option of enforcing or relinquishing its (their) reservation(s).

If an Option Party declines to enforce its reservation as indicated above, the reservation is relinquished. A new reservation may be activated by payment of the Reservation Charge, but it will take a new priority based on the time of reactivation.

6. The holder of a valid reservation may place an order for Physical Collocation for the reserved space at any time. If there is sufficient unoccupied space to accommodate the order after subtracting space covered by reservations of higher priority, the order will be processed. If there is insufficient space to accommodate the order after subtracting space covered by reservations of higher priority and which have been enforced, the holder may maintain its reservation as set forth in Section 5 above.

7. In a Central Office, Ameritech may reserve space on the following conditions:

? The amount of space must be the least amount of space reasonably necessary for the provision of a communications-related service -- including Interconnection and the provision of unbundled Network Elements. Except for space reserved for switch (including Tandem Switches and STPs) conversion and growth and for augmentation and conversion of mechanical and electrical support systems and building infrastructure, the reserved space must reasonably be anticipated to be used in three (3) years.

? The total amount of space reserved cannot exceed the amount of space Ameritech is currently using in the Central Office.

? Ameritech will impute an amount equal to the reservation charge to the appropriate operations for which the space is reserved.

8. Ameritech shall enforce its reservation in the same manner in which requesting carrier and other collocating Telecommunicating Carriers shall be required to enforce its reservations. In that case, Ameritech will impute the floor space charge to the operations for which the space is reserved.

SCHEDULE 12.9.3

COLLOCATION CAPACITY PLANNING

By the end of Contract Month 3, requesting carrier and Ameritech shall jointly develop a planning process for meeting requesting carrier's space and intraoffice facility requirements which shall include the procedures to be followed for the requesting carrier quarterly forecast of anticipated additional power requirements.

SCHEDULE 12.12

DELIVERY OF COLLOCATED SPACE

1.0 Delivery of Physical Collocation Space

1.1 Upon receiving the written notification of the availability of Collocation space from Ameritech, requesting carrier shall send written verification that it still requires each Collocation space requested on requesting carrier's application for which space is available. This written notification is requesting carrier's firm order for service for each Collocation space requested. Subject to **Section 1.3** below, requesting carrier's written notification shall be accompanied by requesting carrier's payment of forty percent (40%) of all applicable Central Office Build Out (**"COBO"**) fees (the **"Initial COBO Payment"**). COBO modifications and additions to space described in the proposal will not begin until the Initial COBO Payment has been paid. Delayed payment of the Initial COBO Payment may delay the actual service date.

1.2 So long as requesting carrier has a satisfactory credit rating with Ameritech for the twelve (12) month period preceding the date of requesting carrier's request for Collocation pursuant to **Section 12.12**, requesting carrier shall pay the COBO charges as follows:

Initial COBO Payment:	40% of COBO charges
Delivery by Ameritech of confirmation that construction of space is fifty percent (50%) complete:	40% of COBO charges
Completion of space conditioning:	20% of COBO charges

If requesting carrier's credit rating is not satisfactory within the aforementioned period, requesting carrier shall pay the COBO charges in accordance with the provisions of Ameritech's applicable tariff.

2.0 Additional Rules and Regulations Applicable to Physical Collocation Space

Physical Collocation will be provided subject to the following provisions:

2.1 Requesting carrier will be responsible for any extraordinary costs incurred by Ameritech to prepare the Collocation space for the installation of requesting carrier's equipment and for extraordinary costs to maintain the Collocation space for requesting carrier's equipment on a going-forward basis. Extraordinary costs may include costs for such items as asbestos removal, fire suppression system or containment, modifications or expansion of cable entry facility, increasing the DC power system infrastructure capacity, increasing the capacity of the standby AC system or the existing commercial power facility, conversion of non-Collocation space, compliance with federal and state requirements or other modifications required by local ordinances. Ameritech will charge

for these costs on a time-sensitive or time-and-materials basis. An estimate of such costs plus contribution will be provided to requesting carrier prior to commencing such work. Extraordinary costs will only be billed to requesting carrier if such costs have been authorized by requesting carrier. Ameritech must advise requesting carrier if extraordinary costs will be incurred within twenty (20) Business Days of requesting carrier's request for space. Otherwise, requesting carrier will not be responsible for such costs. Extraordinary costs do not include costs associated with maintenance and upkeep of the building.

Within ten (10) Business Days after the initial walkthrough referred in **Section 12.12.2(b)**, Ameritech shall provide to requesting carrier a written proposal which covers requesting carrier's requirements for the space and details the associated requirements and the applicable charges required to meet requesting carrier's specific request and the expected service date. Requesting carrier shall acknowledge acceptance of the charges in the written proposal by signing it and returning a copy to Ameritech. Upon receipt of requesting carrier's signed proposal, Ameritech will begin the work and charge requesting carrier for the actual time and material needed to complete the modifications plus a reasonable contribution. In no case will actual charges exceed those estimated by more than ten percent (10%).

2.2 Requesting carrier will be responsible for notifying Ameritech of any significant outages of requesting carrier's equipment which could impact any of the services offered by Ameritech, and provide estimated clearing time for restoration.

2.3 Requesting carrier is responsible for coordinating with Ameritech to ensure that services are installed in accordance with the service request.

2.4 Requesting carrier is responsible for testing, if necessary, with Ameritech to identify and clear a trouble when the trouble has been sectionalized (isolated) to a requesting carrier-provided service.

2.5 Before beginning delivery, installation, replacement or removal work for equipment and/or facilities located within the Collocation space, requesting carrier shall obtain Ameritech's written approval of requesting carrier's proposed scheduling of the work in order to coordinate use of temporary staging areas and other building facilities. Ameritech may request additional information before granting approval and may require scheduling changes. Requesting carrier must submit written plans for equipment to be installed in the Collocation space prior to commencing installation.

2.6 Ameritech has the right to inspect requesting carrier's completed installation of equipment and facilities and to make subsequent and periodic inspections of the customer's equipment and facilities occupying a Collocation space and associated entrance conduit and riser space. If requesting carrier is found to be in non-compliance with the terms and conditions of this Schedule, requesting carrier must modify its installation to achieve compliance. Ameritech will notify requesting carrier in advance of such inspections, and requesting carrier shall have the right to be present at the time of the inspection.

3.0 Delivery of Virtual Collocation Space

3.1 Ameritech shall allow periodic inspections of Virtual Collocation space where requesting carrier equipment is located.

3.2 Ameritech shall ensure that all applicable alarm systems (e.g., power) that support requesting carrier equipment are operational and the supporting databases are accurate so that equipment that is in alarm will be properly identified.

3.3 Ameritech shall follow established escalation and expedite requests for maintenance of intraoffice facilities.

3.4 Ameritech and Requesting carrier shall jointly develop procedures for notifying requesting carrier when environmental and power alarms are activated.

3.5 Ameritech shall allow requesting carrier to perform circuit pack changes while under escort by an Ameritech employee. Ameritech will provide an escort within five (5) hours of requesting carrier's request. Requesting carrier agrees to pay for such escort service based upon Ameritech's standard hourly rates for the type of personnel selected by Ameritech to act as the escort.

3.6 Ameritech shall allow change notices and intrusive maintenance (e.g., extensive trouble shooting and repair that goes beyond circuit pack change outs) to be performed by the equipment vendor under contract to requesting carrier.

3.7 Ameritech shall allow requesting carrier employees to install updates, including software updates, and perform routing maintenance while under escort by an Ameritech employee selected by Ameritech. The escort request will be made two (2) weeks in advance of the routine maintenance. Requesting carrier agrees to pay for such escort service based upon Ameritech's standard hourly rates for the type of personnel selected by Ameritech to act as the escort.

3.8 Ameritech shall use the latest documentation provided by requesting carrier in either hard copy or electronic form when performing work on requesting carrier equipment.

3.9 Ameritech shall follow applicable requesting carrier guidelines when working on requesting carrier equipment.

SCHEDULE 12.15

COMMON REQUIREMENTS

The following requirements are applicable to both Physical and Virtual Collocation:

1. Ameritech shall provide to requesting carrier any intraoffice facilities that requesting carrier requests and that Ameritech provides by tariff or contract to any carrier.

2. Ameritech shall allow for a Fiber Meet arrangement between the Parties' networks and facilities at the DS0, DS1, DS3, OC3, OC12 and OC48 rates pursuant to mutual agreement of the Parties.

3. Requesting carrier may provide basic telephone service with a connection jack for the Collocated space.

4. Ameritech shall provide adequate lighting, ventilation, power, heat, air conditioning, and other environmental conditions for requesting carrier's space and equipment. These environmental conditions shall comply with Bellcore Network Equipment-Building System (NEBS) standards TR-EOP-000063 or other standards upon which the Parties may mutually agree.

5. Ameritech shall provide access, where available, to eyewash stations, shower stations, bathrooms, and drinking water within the Collocated facility on a twenty-four (24) hours per day, seven (7) days per week basis for requesting carrier personnel and its designated agents.

6. Ameritech shall provide all ingress and egress of fiber cabling to requesting carrier Collocated spaces in compliance with requesting carrier's request for cable diversity. The specific level of diversity required for each site or Network Element will be provided in the request for Collocation. Requesting carrier will pay any additional costs incurred by Ameritech to meet any special diversity requirements of requesting carrier which are beyond those normally provided by Ameritech.

7. Ameritech shall provide requesting carrier with written notice five (5) Business Days prior to those instances where Ameritech or its subcontractors may be performing nonemergency work that may affect the Collocated space occupied by requesting carrier or the AC and DC power plants that support requesting carrier equipment. Ameritech will inform requesting carrier by telephone of any emergency-related activity that Ameritech or its subcontractors may be performing that may affect the Collocated space occupied by requesting carrier or the AC and DC power plants that support requesting carrier equipment. Notification of any emergency-related activity shall be made as soon as practicable after Ameritech learns that such emergency activity is necessary. By the end of Contract Month 3 the Implementation Team will agree upon the process for the notification required by this Section **(the "Emergency Notification Process")**. To the extent that the Emergency Notification Process requires Ameritech to incur additional costs, requesting carrier shall reimburse Ameritech for such costs.

8. Requesting carrier shall not be required by Ameritech to relocate its equipment during the Initial Term or any Renewal Term. If requesting carrier, at Ameritech's request, agrees to relocate its equipment, then Ameritech shall reimburse requesting carrier for any and all costs reasonably associated with such relocation.

9. Should Ameritech sell or lease a Central Office or any portion thereof to a third person during the Initial Term or any Renewal Term, Ameritech shall require such third person to comply fully with the applicable terms and conditions of this Agreement as they relate to such third person.

10. Power as referenced in this **Schedule 12.15** refers to any electrical power source supplied by Ameritech for requesting carrier equipment. It includes all superstructure, infrastructure, and overhead facilities, including cable, cable racks and bus bars. Ameritech will supply power to support requesting carrier equipment at equipment specific DC and AC voltages as mutually agreed upon by the Parties. Ameritech shall supply power to requesting carrier at parity with that provided by Ameritech to itself or to any third person. If Ameritech performance, availability, or restoration falls below industry standards, Ameritech shall bring itself into compliance with such industry standards as soon as technologically feasible.

11. Subject to space limitations and requesting carrier's compliance with the applicable request process and payment requirements of this Agreement, Ameritech shall provide power to meet requesting carrier's reasonable needs for placement of equipment, Interconnection, or provision of service.

12. Both requesting carrier's power equipment and Ameritech power equipment supporting requesting carrier's equipment shall comply with all applicable state and industry standards (e.g., Bellcore, NEBS and IEEE) or manufacturer's equipment power requirement specifications for equipment installation, cabling practices, and physical equipment layout.

13. Ameritech will provide requesting carrier with written notification within ten (10) Business Days of any scheduled AC or DC power work or related activity in the collocated facility that poses a reasonable risk of cause an outage or any type of power disruption to requesting carrier equipment located in the Ameritech facility. Ameritech shall provide requesting carrier prompt notification by telephone of any emergency power activity.

14. Power plant alarms shall adhere to Bellcore Network Equipment-Building System (NEBS) standards TR-EOP-000063.

15. Cabling shall adhere to Bellcore Network Equipment-Building System (NEBS) standards TR-EOP-000063.

16. Ameritech shall provide Lock Out Tag Out and other electrical safety procedures and devices in accordance with OSHA or industry guidelines.

17. Ameritech shall within ten (10) Business Days after receipt of the Initial COBO Payment for Physical Collocation, and prior to or concurrent with the initial walkthrough for Virtual Collocation, provide requesting carrier with a copy of any existing drawings showing requesting carrier's proposed Collocation space and any related Ameritech facilities, and provide information relating to measurements for necessary requesting carrier cabling which are not obtainable from the drawings. Any copies of drawings shall be redacted so as not to provide proprietary information of other carriers. So long as Ameritech charges other Telecommunications Carriers for the provision of the foregoing drawings and information, requesting carrier shall reimburse Ameritech for the costs, if any, incurred by Ameritech to provide requesting carrier with the foregoing drawings and information.

SCHEDULE 12.16

ADDITIONAL REQUIREMENTS APPLICABLE TO PHYSICAL COLLOCATION

The following additional requirements shall be applicable to Physical Collocation only:

1. Subject to space limitations and requesting carrier's compliance with the applicable request process and payment requirements for the space, Ameritech shall provide space, as requested by requesting carrier, to meet requesting carrier's needs for placement of equipment necessary for Interconnection and access to Network Elements.

2. Ameritech shall allow requests for contiguous space in increments of 100 ft^2 if the space is not subject to outstanding requests by other Telecommunications Carriers.

3. Other than reasonable security restrictions, Ameritech shall place no restriction on access to the requesting carrier Collocated space by requesting carrier's employees and designated agents. Such space shall be available to requesting carrier designated agents twenty-four (24) hours per day each day of the week. In no case should any reasonable security restrictions be more restrictive than those Ameritech places on its own personnel or independent contractors.

4. For each building in which Collocated space is provided and upon request by requesting carrier for that building, Ameritech will, at its option, either certify that the building complies with all applicable environmental, health and safety regulations or complete an Environmental, Health & Safety Questionnaire provided by requesting carrier. Requesting carrier may provide this questionnaire with its request for Collocation and Ameritech shall return it or the applicable certification to requesting carrier within ten (10) Business Days after Ameritech's receipt thereof.

5. Ameritech shall permit requesting carrier to install, on equipment node enclosures, an intrusion alarm that can be remotely monitored by requesting carrier's work center; provided, however, that no such requesting carrier-installed equipment shall interfere with the existing use of the Central Office.

6. Ameritech shall construct the collocated space in compliance with requesting carrier's request for Collocation for cable holes, ground bars, doors, and convenience outlets as such are requested by requesting carrier at prices to be determined.

7. Requesting carrier shall not require advance approval from Ameritech to make improvements or alterations to the Collocated equipment configuration that are not substantial and do not require additional power.

8. Central Office power supplied by Ameritech into the Requesting carrier equipment area shall be supplied in the form of fused power feeds from Ameritech's main power distribution board to requesting carrier's BDFB located in the designated requesting carrier equipment area. The power feeders (cables) shall efficiently and economically support the requested quantity and capacity of requesting carrier equipment. The termination location shall be as mutually agreed upon by the Parties.

9. Ameritech power equipment supporting requesting carrier's equipment shall:

(a) Provide appropriate Central Office ground, connected to a ground electrode located within the requesting carrier collocated space, at a level above the top of requesting carrier's equipment plus or minus two (2) feet to the left or right of requesting carrier's final request; and

(b) Provide feeder capacity and quantity to support the ultimate equipment layout for requesting carrier equipment upon completion of the equipment node construction in accordance with requesting carrier's request for Collocation.

10. Ameritech shall within ten (10) Business Days after the initial walkthrough provide requesting carrier with (i) documentation submitted to and received from contractors for any work being done on behalf of requesting carrier that will be billed as extraordinary expenses; and (ii) a parallel installation sequence.

11. Ameritech shall secure external access to the Physical Collocation space in its Premises in the same or equivalent manner that Ameritech secures external access to spaces that house Ameritech's equipment.

12. Ameritech shall within (30) days of the Effective Date provide to requesting carrier (i) work restriction guidelines related to any restrictions on the manner in which a requesting carrier contractor can perform work on Ameritech's Premises and (ii) a list of Ameritech technical guidelines applicable to the collocation of equipment in Ameritech's Premises. Requesting carrier acknowledges that it is responsible to order such technical guidelines at its cost and expense. Ameritech will notify requesting carrier in a timely manner of any changes to such work restriction and technical guidelines.

Schedule 30.18

PRE EXISTING ARRANGEMENTS

[NONE]

PRICING SCHEDULE- ILLINOIS

ITEM I- 9-1-1 Service

See Exhibit PS-I

ITEM II- Reciprocal Compensation/Transiting

A.	End Office Local Termination	$0.005000 per minute
B.	Tandem Switching	$0.000956 per minute
C.	Tandem Transport Termination	$0.000193 per minute
D.	Tandem Transport Facility Mileage	$0.000012 per minute/mile

ITEM III-Information Services Traffic

Information Services Billing and Collection:	$0.03 per message

ITEM IV- BLV/BLVI Traffic

A.	Busy Line Verification (BLV):	$0.924 per use
B.	Busy Line Verification Interrupt (BLVI): (in addition to BLV charge)	$1.079 per use

`

ITEM V-Unbundled Network Elements

0.1 Unbundled Loop Rates

1. Recurring Rates

	Monthly Rates Access Area[1]		
	A	B	C
2-Wire Analog			
Basic	$3.72	$10.02	$11.53
Ground Start	$3.75	$10.58	$12.27

COPTS Coin [low priority]	$3.76	$10.83	$12.56
Electronic Key Line [low priority]	$3.94	$13.95	$16.64
4-Wire Analog	$7.35	$22.97	$27.38
Digital			
ISDN - 2-Wire	$3.79	$11.44	$13.54
4-Wire 64 Kbps	$58.80	$57.73	$56.10
4-wire 1.544 mbps	$69.54	$86.62	$85.91
2-Wire ADSL-Compatible	$3.72	$10.02	$11.53
2-Wire HDSL-Compatible	$3.72	$10.02	$11.53
4-Wire HDSL-Compatible	$7.35	$22.97	$27.38
Cross Connect Charge (additional, per cross connect):			
2-wire		$0.15	
4-wire		$0.30	
6-wire		$0.49	
8-wire		$0.60	
DS1		$5.19	
DS3		$0.76	
Service Coordination Charge		$1.14	

2. Non-Recurring Rates

Service Order? Establish Change: (Business or Residence)	$14.71[2]
Line Connection: (Business or Residence)	$36.54[3]

B. NID[4] No charge

C. Switching

1. Unbundled Local Switching

	Non-Recurring	Monthly
A. Custom Routing		
- per new LCC, per switch	$232.24	-
B. ULS Ports		
- Basic Line Port, per port	-	$6.41
- Ground Start Line Port, per port	-	$6.98
- COPTS-Coin Line Port, per port	-	$6.98

	Non-Recurring	Monthly
- ISDN-Direct Port, per port	-	$30.74
per telephone number	-	$0.01
- DID Trunk port, per port [low priority]	-	$13.62
per telephone number	-	$0.01
add/rearrange each termination	-	-
- ISDN Prime Trunk Port, per port	-	$155.73
per telephone number	-	$0.01
add/rearrange channels	-	-
- Digital Trunking Trunk Port, per port [low priority]	-	$105.09
- Custom Routing Port, per port per individual trunk termination	-	$59.10
- Centrex Basic Line Port, per port	-	$10.96
- Centrex ISDN Line Port, per port	-	$30.74
- Centrex EKL Line Port, per port	-	$30.90
- Centrex Attendant Console Line Port, per port	-	$94.78
C. Centrex System Charges		
- System Features, per common block	-	$331.93
- Common Block establishment, each	$487.48	-
- System features change or rearrangement, per feature, per occasion	$67.18	-
- System feature activation, per feature, per occasion	$259.11	-
2. Service Charges		
Initial Port Connection Charge - Line Port	$64.57	-
Initial Port Connection Charge - Attendant Console Port	$129.15	-
Initial Trunk Port Connection Charge	$770.29	-
Subsequent Port Connection Charge	$29.16	-

	Non-Recurring	Monthly
Service Ordering Charges		
- Initial		
Line port, per occasion	$17.37	-
Trunk port, per occasion	$398.73	-
- Subsequent		
per occasion	$17.37	-
- Record Order per occasion	$15.97	-
Conversion Charge		
- change from one type of line-port to another, per each changed	$59.36	-
Ameritech Cross-Connection Service per carrier transport facility,		
- 2-Wire (Line port), each	$.15	-
- DSI (Trunk port) (each individual trunk)	$5.19	-
3. Service Coordination Fee		
- per carrier bill, per switch	-	$1.14
4. Subsequent Training		
- per Company person, per hour	$80.11	
5. Unbundled Local Switching (ULS) Usage		
- Billing Development	$35,328.87	-
		Minute-of-Use
- Per minute-of-use or fraction thereof	-	.002962
D. Unbundled Tandem Switching		
Tandem Trunk (DS1)	-	$120.21
Unbundled Trunk Port Features	-	$13.53
Service Order Charge	$398.73	-
Line Connect Charge per DS1	$770.29	-
Subsequent Changes	$29.16	-

	Non-Recurring	Monthly
DS-1 Cross Connect	-	$5.19
	Per Minute	
Usage Without Tandem Trunks	$0.000378	

	Monthly	Non-Recurring Charge
E. Interoffice Transmission Facilities DS1		
1. Entrance Facility		
- Per Point of Termination Terminating Bit Rate 1.544 Mbps		
Area A	$69.54	
Area B	$86.62	
Area C	$85.91	
2. Interoffice Mileage Termination		
- Per Point of Termination 1.544 Mbps		
Area A	$16.29	
Area B	$16.29	
Area C	$16.29	
Interoffice Mileage		
- Per mile 1.544 Mbps		
Area A	$1.75	
Area B	$1.75	
Area C	$1.75	
3. Optional Features and Functions		
(a) Clear Channel Capability		
- Per 1.544 Mbps Circuit Arranged		
Area A		$448.20
Area B		$448.20
Area C		$448.20

	Monthly	Non-Recurring Charge
(b) Interconnection Central Office Multiplexing		
- DS1 to Voice/Base Rate/128.0, 256.0, 384.0 Kbps Transport		
Area A	$276.28	
Area B	$276.28	
Area C	$276.28	

F. Interoffice Transmission Facilities - DS3

1. Entrance Facility
   - Per Point of Termination

   (a) DS3 with Electrical interface

   - Per Termination

Area A	$630.31
Area B	$715.89
Area C	$697.49

2. Interoffice Mileage Termination

   - Per Termination
   - Electrical

	Monthly	Non-Recurring Charge
Area A	$203.61	
Area B	$203.61	
Area C	$203.61	
Interoffice Mileage		
- Per Mile		
Area A	$37.94	
Area B	$37.94	
Area C	$37.94	
3. Optional Features and Functions		
(a) Interconnection - Central Office Multiplexing		
- Per Arrangement		
- DS3 to DS1		
Area A	$598.53	
Area B	$598.53	
Area C	$598.53	
G. Interoffice Transmission Facilities - OC-3		
1) Entrance Facility		
- Per Point of Termination Terminating Bit Rate 155.52 Mbps	$1,607.00	
2) Interoffice Mileage Termination		
- Per Point of Mileage Termination 155.52 Mbps	$469.00	
Interoffice Mileage		
- Per Mile 155.52 Mbps	$250.00	
3) Optional Features and Functions		
a) OC-3 Add/Drop Multiplexing		
- Per arrangement	$1,107.00	
b) Add-Drop Function		
- Per DS3 Add or Drop	$120.00	
- Per DS1 Add or Drop	$50.00	
c) 1+1 Protection		

	Monthly	Non-Recurring Charge
- Per OC-3 Entrance Facility	$57.00	
d) 1+1 Protection with Cable Survivability		
- Per OC-3 Entrance Facility	$57.00	$500.00
e) 1+1 Protection with Route Survivability		
1) Per OC-3 Entrance Facility	Apply Rates and Charges as (c) above plus (2) below	
2) Per Quarter Route Mile	$50.00	
H. Interoffice Transmission Facilities - OC-12		
1) Entrance Facility		
- Per Point of Termination Terminating Bit Rate 622.08 Mbps	$4,000.00	
2) Interoffice Mileage Termination		
- Per Point of Mileage Termination 622.08 Mbps	$700.00	
Interoffice Mileage		
- Per Mile 622.08 Mbps	$500.00	
3) Optional Features and Functions		
a) OC-12 Add/Drop Multiplexing		
- Per arrangement	$2,750.00	
b) Add/Drop Function		
- Per OC-3 Add or Drop	$150.00	
- Per DS3 Add or Drop	$120.00	
c) Cross-Connection of Services OC-12 to OC-12 Cross-Connect		
- Per Circuit	$550.00	

	Monthly	Non-Recurring Charge
d) 1+1 Protection		
- Per OC-12 Entrance Facility	$250.00	
e) 1+1 Protection with Cable Survivability		
- Per OC-12 Entrance Facility	$250.00	$600.00
f) 1+1 Protection with Route Survivability		
1) Per OC-12 Entrance Facility	Apply Rates and Charges as (d) above plus (2) below	
2) Per Quarter Route Mile	$75.00	
I. Interoffice Transmission Facilities - OC-48		
1) Entrance Facility		
- Per Point of Termination Terminating Bit Rate 2488.32 Mbps	$8,000.00	
2) Interoffice Mileage Termination		
- Per Point of Mileage Termination 2488.32 Mbps	$1,575.00	
Interoffice Mileage		
- Per Mile 2488.32 Mbps	$550.00	
3) Optional Features and Functions		
a) OC-48 Add/Drop Multiplexing		
- Per arrangement (not to exceed 12 DS3s or equivalent)	$1,375.00	
b) Add/Drop Function		
- Per OC-12 Add or Drop	$375.00	
- Per OC-3 Add or Drop	$150.00	
- Per DS3 Add or Drop	$120.00	
c) Cross-Connection of Services OC-48 to OC-48 Cross-Connect		
- Per Circuit	$1,100.00	
d) 1+1 Protection		

		Monthly	Non-Recurring Charge
-	Per OC-48 Entrance Facility	$1,175.00	
e)	1+1 Protection with Cable Survivability		
-	Per OC-48 Entrance Facility	$1,175.00	$700.00
f)	1+1 Protection with Route Survivability		
1)	Per OC-48 Entrance Facility Channel		Apply Rates and Charges as (d) above plus (2) below
2)	Per Quarter Route Mile	$100.00	

J. Installation and Rearrangement Charges for Interoffice Transmission Facilities

	Administration Charge, Per Order	Design and Central Office Connection Charge, Per Circuit	Carrier Connection Charge Per Termination	
DS1 Service 1.544 Mbps				
Area A		$408.05	$636.43	$588.93
Area B		$408.05	$636.43	$588.93
Area C		$408.05	$636.43	$588.93
DS3 Service 44.736 Mbps				
Area A		$308.81	$675.22	$379.09
Area B		$308.81	$675.22	$379.09
Area C		$308.81	$675.22	$379.09
OC-3 Service 155.52 Mbps		$50.00	$375.00	$450.00
OC-12 Service 622.08 Mbps		$50.00	$375.00	$450.00
OC-48 Service 2488.32 Mbps		$50.00	$500.00	$600.00

K. Signaling Networks and Call-Related Databases

1. Signaling Networks

Signaling Link IL.C.C. 21 Section No. 6

Port Termination	$267.82 (monthly)
Signaling Switching ISUP	$0.000143 per message
Signal Transport ISUP	$0.000086 per message
Signal Formulation ISUP	$0.000459 per message
Signal Tandem Switching ISUP	$0.000312 per message
Signal Switching TCAP	$0.000118 per message
Signal Transport TCAP	$0.000058 per message
Signal Formulation TCAP	$0.000325 per message

Non-Recurring Costs	NRCs
Port Termination	$666.37
Originating Point Code per service added or changed	$23.09
Global Title Address Transfer per service added or changed	$12.41

2. Call-Related Databases

Unbundled Local Switching Interconnection

-800DB Call-Routing Query	$0.002654
-800DB Routing Options	$0.000773

Local STP Interconnection

-800DB Carrier-ID-Only	$0.001286
-800DB Routing Options	$0.000228

Regional STP Interconnection

-800DB Carrier-ID-Only	$0.001208
-800DB Routing Options	$0.000149

Carrier-Provided Operator Services

Interconnection at local STP	
-LIDB Validation	$0.015733
-LIDB Transport	$0.000090
-Out-of-Region-Query	$0.057625

Interconnection at regional STP

-LIDB Validation	$0.015733
-LIDB Transport	$0.000011

Unbundled Operator Services

-LIDB Validation	$0.015733
-LIDB Transport	$0.000634
-Out-of-Region-Query	$0.058169

3. Service Management Systems

Access to Databases - to the extent technically feasible, based on TELRIC costs, via the Bona Fide Request process.

L. Operator Services and Directory Assistance

1. Operator Services

Manual Call Assistance Occurrences - rates will apply based on the total monthly volume and a LIDB charge will apply separately to all occurrences requiring billing validation.

$0.362 per occurrence

Automated Call Assistance Occurrences - rates will apply based on the total monthly volume, and a LIDB charge will apply separately to all automated occurrences.

$0.022 per occurrence

Branding per trunk group - $916.08 non-recurring charge

2. Directory Assistance

Branding is a one-time charge assessed, on a per trunk group basis, for the mechanized front-end branding of Directory Assistance calls.

Information Call Completion rates apply on a completed call basis. In addition to the charge for Information Call Completion, normal Directory Assistance charges, and applicable usage charges apply, if the call is completed on the Company's network. If a call is not completed, only the appropriate charge for Directory Assistance Service will apply.

Rates do not include custom routing, unbundled network elements, end office or tandem switching (where requested).

Per Call	Charge	Price	Non-Recurring
	Information Call Completion, per	$0.023	

completed call

Branding, per trunk group[1/] $916.08

Monthly Payment
Term Payment Plans

Description	1 Month	12 Months	24 Months	36 Months
Directory Assistance, Term Payment Plan, rate per call	$.255	$.255	$.255	$.255

The minimum period for the Term Payment Plan is one month, unless otherwise specified. The month-to-month price is subject to Company initiated changes.

3. Directory Assistance Facilities

   Access to Databases - To the extent technically feasible, based on TELRIC costs, via the Bona Fide Request process.

M. Rates for Maintenance.

1. Trip Charge - $69.27 per trouble dispatch

2. Time Charge - $28.52 per quarter hour with a quarter hour minimum and quarter hour increments.

[1/] When branding service is provided on a combined toll and assist Operator Service and Directory Assistance trunk group basis, as technically feasible, a single branding charge will apply. The telecommunications carrier is also responsible for the rates applicable to custom routing, transport and any other services or network elements it orders to deliver its traffic to the Company's switch on separate direct trunks.

N. Combinations.	Monthly	Non-Recurring Charge
1. Loop/Network Combination	$***___	$***___
2. Switching Combination No. 1	$***___	$***___
3. Unbundled Element Platform		

O. Common Transport

ITEM VI- Wholesale Resale Services

A. See Schedule 10.1

ITEM VII-Collocation

See Exhibit PS-VII

ITEM VIII-Structure

See Exhibit PS-VIII

ITEM IX- SERVICE PROVIDER NUMBER PORTABILITY

		I.N.C. [1/]	Per Month [6/]
A.	SPNP-Remote		
	per number ported	$0.00___	$0.00___
	per additional call path (1-5)	$0.00___	$0.00___
	per additional call path (6-90)	$0.00___	$0.00___
B.	SPNP-Direct		
	Service Establishment Charge		
	per SPNP-Direct Trunk group, per switch	$0.00___	$0.00___
	SPNP-Direct Channel Termination charges,		
	per SPNP-Direct VG channel termination	$0.00___	$0.00___
	per SPNP-Direct DS1 channel termination	$0.00___	$0.00___
	SPNP-Direct Number Charges, per number ported	$0.00___	$0.00___
	SPNP-Direct Transport Charges,		
	per SPNP-Direct VG transport	$0.00___	$0.00___
	per SPNP-Direct VG w/o transport	$0.00___	$0.00___
	per SPNP-Direct DS1 transport	$0.00___	$0.00___
	per SPNP-Direct DS1 w/o transport	$0.00___	$0.00___
	Subsequent additions, deletions or rearrangement of SPNP-Direct trunk terminations in addition to above charges		
	per occasion	$0.00___	$0.00___

[2/] Rates suspended pending commission approval of a competitively neutral cost recovery mechanism.

EXHIBIT PS-I

RATE TABLE-ILLINOIS

E911 SERVICES PROVIDED:

Automatic Number Identification (ANI), Automatic Location Identification (ALI) and selective routing (SR), charge per 100 Access Lines[1/] serviced by the E911 Network: $29.62 per month.

The per 100 Access Lines charge will include the following number of trunks per trunk group between the Ameritech Central Office and Ameritech Control Offices deemed sufficient to accommodate traffic:

Access Lines	Trunks provided at no additional charge
01 - 1,500 =	2 Trunks
1,501 - 7,500 =	3 Trunks
7,501 - 18,500 =	4 Trunks
18,501 - 33,500 =	5 Trunks

Should Exchange Carrier desire more trunks than those described above, Exchange Carrier shall acquire such additional trunks from Ameritech at rates, terms and conditions provided in Ameritech's tariffs.

Optional Manual Update: Update of the ALI/DMS data base from paper copies of service order activity furnished by Exchange Carrier, charge per updated record: $6.66

Address and Routing File: $276.55 per request per NPA (per quarter)[2/]

[1/] Or fraction thereof. The minimum charge will be based upon 100 Access Lines. Number of Access Lines applicable will include all lines contained within the ALI/DMS database, including those that are outside of the Customer's geographical boundary jurisdiction, but within requesting carrier's exchange boundary and set for routing via the E911 network.

[2/] This charge applies for entire NPA or fraction thereof.

E9-1-1 Control Office Software Enhancement - Connection Charge	$1,314.83 non-recurring charge per E9-1-1 Control Office

SERVICES PROVIDED

A. Exchanges covered by Agreement:

Ameritech shall provide E911 Service described in **Section 3.9** and **Schedule 3.9** and selected by requesting carrier in the Exchange Area(s) in which both of the following conditions are met: (1) requesting carrier is authorized to provide local exchange services in such Exchange Area(s), and (2) Ameritech is the 911 service provider in such Exchange Area(s).

B. Requesting Carrier Updates:

If Requesting carrier elects to furnish daily updates to the Customer information contained within the requesting carrier database, Ameritech will provide requesting carrier with the proper address to which updates should be sent.

COLLOCATION
EXHIBIT PS-VII
PHYSICAL COLLOCATION-ILLINOIS

	Non-Recurring Charges	Monthly Recurring
Order Charge/Per Order	$302.30	--
Central Office Build Out		
- per Initial 100 sq. ft. Floor Space Request/C.O.	$33,788.47	--
- per Add'l 100 sq. ft. Floor Space Request/C.O.	$13,148.87	--
Cable Vault Splicing/per Initial splice	$205.57	--
Cable Vault Splicing/per Subsequent splice	$15.24	--
Splice Testing/per Initial Splice Test	$47.16	--
Splice Testing/per Subsequent Splice Test	$2.77	--
Cable Pulling from Manhole to Cable Vault/ per First foot	$223.06	--
Cable Pulling from Manhole to Cable Vault/ per Add'l foot	$1.11	--
Cable Pulling from Cable Vault to the transmission node/per First foot	$83.24	--
Cable Pulling from Cable Vault to the transmission node/per add'l foot	$0.83	--
Power Delivery/per Power Lead	$1,802.17	--
Transmission Node Enclosure/ per initial 100 sq. feet	$4,554.43	--
Transmission Node Enclosure/ per Add'l 100 sq. feet	$1,798.67	
Diverse Riser/per Floor Traversed	$553.40	--
Space Reservation Charge/per Each request	$785.91	--
Central Office Floor Space/per 100 sq. ft.	--	$878.34
Riser Space/Foot	--	$1.33

COLLOCATION
EXHIBIT PS-VII
PHYSICAL COLLOCATION ? ILLINOIS

	Non-Recurring Charges	Monthly Recurring
Entrance Conduit/per Innerduct per foot	--	$0.07
Power Consumption/per Fuse AMP	--	$6.87
200 Conductor Electrical Cross Connect Block	--	$63.68
Digital Cross-Connect Panel (DSX-3)/per DS-3 Termination	--	$15.16
Digital Cross-Connect Panel/per DSX-1 Panel (Up to 56 DS-1 Term)	--	$47.49
Optical Cross-Connect Panel/per OCX Panel Segment	--	$5.16
Passive Bay Termination (Bay and Panel)/ DS-1 Termination	--	$0.53
Passive Bay Termination (Bay and Panel)/ DS-3 Termination	--	$6.82
200 Electrical Conductor Termination Block (Located Outside Transmission Node)/per Each	--	$63.68
Digital Timing Source/per Synchronization Signal Provided --	$12.77	
DS-1 Repeater	--	$5.92
DS-3 Repeater	--	$34.39

COLLOCATION
EXHIBIT PS-VII
VIRTUAL COLLOCATION-ILLINOIS

	Non-Recurring Charge	Monthly Charge
Service Order	$114.63	--
Optical Line - Cable Vault Splicing/ per Initial Splice $205.57	--	
Optical Line - Cable Vault Splicing/ per Subsequent Splice	$15.24	--
Optical Line - Splicing Test/ per Initial Splice $47.16	--	
Optical Line - Splicing Test/ per Subsequent Splice Test	$2.77	--
Optical Line - Cable Pulling - Manhole to Vault/ per First Foot	$223.06	--
Optical Line - Cable Pulling - Manhole to Vault/ per Add'l Foot $1.11	--	
Optical Line - Cable Pulling - Vault to LGX Panel/ per First Foot	$83.24	--
Optical Line - Cable Pulling - Vault to LGX Panel/ per Add'l Foot $0.83	--	
Optical Line - Diverse Riser/per Floor Traversed	$553.40	--
Project Management Fee/per Initial 7' Bay Installed on Initial or Subsequent Order	$3,143.65	--
Project Management Fee/per Initial 7' Bay Installed on Initial or Subsequent Order/ per Add'l 7' Bay Installed on Initial or Subsequent Order	$1,571.82	--
Project Management Fee/ per Initial Shelf Installed on Subsequent Order	$2,357.74	--

COLLOCATION
EXHIBIT PS-VII
VIRTUAL COLLOCATION ? ILLINOIS

	Non-Recurring Charges	Monthly Charge
Project Management Fee/ per additional shelf installed on subsequent order	$1,414.64	--
Project Management Fee/ per Bay Rearrangement and/or Miscellaneous Work	$1,886.19	--
Power Delivery/per 7' Bay Installed	$1,802.17	--
Thru-Connect per DSX-1 to DSX-1	$7.00	$0.19
Thru-Connect per OCX to OCX	$7.00	$1.34
7' Bay (Company Provided)/per Bay	$393.21	$38.09
7' Bay (Customer Installed/Pre-Packaged)/per Bay	--	$32.88
Optical Line - Entrance Facility/per Foot	--	$0.07
Optical Line - Riser Space/per Foot	--	$0.30
Optical Line - Riser Space/per Fiber Termination	--	$1.51
Power Consumption/per Fuse AMP	--	$6.87
200 Electrical Conductor Cross-Connect Block/ per Block --	$63.68	
Digital Cross-Connect Panel/ per DS-3 Termination	--	$15.16
Digital Cross-Connect Panel/ per DS-1 Panel (up to 56 DS-1 Terminations)	--	$47.49
Optical Cross-Connect Panel/ per Panel Segment	--	$5.16
Digital Timing Source per Timing Circuit	--	$2.54

EXHIBIT PS-VIII
STRUCTURE PRICING

POLE ATTACHMENT AND CONDUIT OCCUPANCY ACCOMMODATIONS

	Nonrecurring Charge	Per Year
Administrative Fee		
- per request or assignment	$200.00	
Pole Attachment Fee		
- per pole, per year for each one foot of usable space occupied and for each power supply or equipment case or cabinet attached to a pole		$2.36
Conduit Attachment Fee		
- per foot of innerduct occupied per year		$.41[3/]

1 "Access Area" is as defined in Ameritech's applicable tariffs for business and residential Exchange Line Services.

2 The Service Order Charge is a per occasion charge applicable to any number of Loops ordered for the same location and same Customer account.

3 The Line Connection Charge applies to each Loop.

4 Access to Network Interface Device for Accessing Customer Premises Wiring (Inside Wire).

3/ If an Attaching Party occupies an entire duct, the Attachment Fee shall be two (2) times the rate per innerduct foot for the Attachment.